

**ARMY
NAVY
AIR FORCE**



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AMA Deplores Loss of Medical Ass't Sec'y

Secretary McNamara's abolition of the post of Assistant Secretary of Defense (Health and Medical) stirs the opposition of the American Medical Association. **Page 4**

USMC Officers Face Administrative Tests

Marine Corps captains and first lieutenants in unrestricted, supply, and limited duty categories and Women Marines will be tested on administrative matters beginning 2 Feb. 1962. **Page 7**

Why USAF Wants Flight Accrual Pay

To keep its people informed, the Air Force has issued to them a statement giving the background on the Flight Accrual Pay bill and the reasons it is needed. **Page 8**

20 Year Retirement Policy

Secretary of the Navy John B. Connally, jr., has issued a new policy statement concerning voluntary 20 year retirements of Navy and Marine Corps officers. **Page 11**

Army Signal Corps Gets New Communications Systems

Three new long-range, air transportable, emergency communications systems have been delivered to the Army Signal Corps. **Page 15**

Combat Development Center Changes

The Army has completed a reorganization of the Combat Development Experimentation Center at Ft. Ord, Calif., under Brig. Gen. Charles S. D'Orsa. **Page 27**

Official Orders

Army and Navy orders begin on Page 2; Air Force and Marine Corps orders start on Page 4.

Military Legislative Action Required; Services Start FY '62 Without Funds

THE arrival of the new fiscal year has brought a delayed acceleration in the military legislative program, but much remains to be done before the 87th Congress goes home.

President Kennedy has signed into law two Armed Forces authorization bills. They are the annual military construction program and the new procurement measure for aircraft, missiles and ships.

Funds to carry out both programs, however, are still missing. The Services entered fiscal '62 with no new money. The \$42.7 billion Defense Department appropriations bill cleared the House on 30 June, but must await further action in the Senate and then (if it follows the normal pattern) be subject to a House-Senate conference before enactment. This is not likely to come before late July.

Appropriations for the construction program are lagging even further behind, with the measure still tied up in subcommittee in the House. Final Congressional action may not be achieved until August.

Personnel legislation, too, has failed to move rapidly, although the House Armed Services Committee has cleaned up most of the major proposals sought by the Pentagon. The slow-down, as is usually the case, has been in the Senate Armed Services Committee.

As the fiscal year closed, however, both groups took action on a number of Defense Department bills.

The House Committee approved the accrual flight pay measure and legislation raising the OGLA ceiling on Air Force promotions. Both bills are now pending on the House floor.

The Senate Committee gave the green light to three measures previously

Navy Sets Sights For First Operational Space System

(Pentagon Fact Sheets, Page 17)

THE Navy is shooting for the first operational space system by the fall of 1962.

That's when the Transit Satellite Navigation System is expected to be ready for use by ships and aircraft of the U. S. and other nations.

The target date for this achievement was brought dramatically closer at 12:23 A.M. EDT on 29 June at Cape Canaveral, Fla., as a nuclear-equipped Transit 4-A was rocketed into orbit by an Air Force Thor-Able-Star Launching vehicle.

Also aboard the launch vehicle were

two other satellites, 55 pound Greb III and 40 pound Injun, designed respectively to measure solar X-ray radiation and radiation in the Van Allen radiation belts.

Launched at a 66.8 degree inclination and orbited with an apogee of 546 nautical miles (629 statute) and a perigee of 484 nautical miles (550 statute) the 175-pound Transit 4-A carried a 4.7 pound Systems for Nuclear Auxiliary Power (SNAP) device. Built by the Martin Company, it is designed to provide 2.7

—Continued on page 5

BOOST WIDOWS CHECKS:

New Social Security Changes Give Retired Military Men Benefits At 62

THOUSANDS of retired military men will become eligible for Social Security benefits at an earlier age as a result of new legislation (Public Law 87-64) signed by President Kennedy on 30 June. Service widows already receiving Social Security checks also will benefit, as will all retired members of the Armed Forces now receiving minimum SS payments.

The new law permits men to start drawing reduced Social Security checks at age 62 instead of waiting for full benefits at age 65. The same right was extended to women in 1956.

Retired male members of the Armed Forces who are eligible for maximum Social Security benefits now receive \$116 per month at age 65. Under the new law, they would receive \$92.80 per month if they elect to start receiving the payments at age 62.

In deciding whether to accept the reduced payments, members will want to consider the long-range effect. The man who waits until age 65 and accepts the higher maximum payment (\$116 per month) will, by the time he is 76, have received \$15,312 from the program. The same man, if he takes the reduced payment (\$92.80), will have received \$15,556, 80 by age 76. Thereafter, the balance begins to tip slightly in favor of the man who waited until age 65. Life expectancy thus is an important factor to consider in making the determination.

Widows now entitled to receive 75% of their husband's benefits will receive 82.5% under the new law. This change also applies to sole surviving dependent parents. A widow who has been receiving \$87 of her deceased husband's \$116 monthly benefit, will now get \$95.70.

Some retired personnel or widows who have been drawing the minimum monthly payments under the Act (\$33 per month) will receive \$7 more each month. The minimum payment is raised by the new law to \$40.

A Daughter's Kiss For A Retiring General



MAJ. GEN. Edward G. Farrand is all smiles as his daughter, Mrs. Robert Joyce of Houston, plants a kiss on his cheek after a retirement review for the commander of Ft. Hood, Tex., and the 2d Armored Division.

General and Mrs. Farrand drove to Ft. Sill, Okla. to visit friends, and then will go on to Delafield, Wisc., where he will become President of St. John's Military Academy on 15 August.

General Farrand was awarded the DSM by Lt. Gen. Donald P. Booth, Fourth Army CG, at the retirement ceremonies.

passed by the House in April and May and also reported a Senate property-transfer proposal. The House bills approved by the Senate group include HR 5490 to improve the effectiveness of the Reserve Forces training program, HR 4324 to establish uniformity in the payment of reenlistment bonuses, and HR 4349 to require Naval ROTC graduates to seek release from the Navy in the same manner as graduates of the Naval Academy.

The lone Senate measure approved by the group was S-1087 to authorize the transfer of approximately 215 acres of land, buildings and docks owned by the U. S. Government to the Government of American Samoa.

House Armed Services Subcommittees, meanwhile, approved six other military proposals which are expected to receive full Committee sanction about 11 July. They include legislation to:

- Ease trailer-house transportation expenses for military families.
- Increase enrollment at the Military and Air Force Academies.
- Authorize advance pay for military families evacuated from overseas areas in an emergency.
- Permit Army MSC officers to be assigned to "command" jobs in other fields.
- Authorize the appropriation of \$200,000 to use toward the construction of a USS Arizona Memorial, and
- Allow credit for minority service to be counted for retirement purposes.

The trailer allowance bill will eliminate the present 20-cents-per-mile ceiling on the commercial transportation of mobile homes and permit the Services to prescribe a more reasonable allowance based on actual costs. Under the present

—Continued on back page

ARMY ORDERS:

B/G Eggleston To Saigon; B/G Sibley Leaves; Buckingham To Denmark For L/C Caldwell

Elvis J. Stahr, Jr.—Secretary of the Army
 Stephen Ailes—Under Secretary of the Army
 —Assistant Secretary (Research and Development)
 William E. Schaub—Assistant Secretary (Financial Management)
 Paul R. Ignatius—Assistant Secretary (Logistics)
 General George H. Decker—Chief of Staff

GENERAL OFFICERS:

Maj General
 Magee, Mervyn M., Ft Baker, to H2 28th NORAD Rgn Hamilton AFB, & DP dsq CG 28th NORAD Rgn.

Brig General
 Hoff, Stuart S., Hawaii, to OC Sig O, USA, Wash, DC.
 Richardson, James A., 3d, Wash, DC, to ODCSLOG USA, Wash, DC.
 Bethune, Philip H., is retired; 1 Aug.
 Eggleston, Howard K., Wash, DC, to USA Elm MAAG, Vietnam, Saigon.
 Sibley, Alden K., Saigon, Vietnam, to OC of Engrs USA, Wash, DC.
 Townes, Morton E., retired for disability (40%) 1 Oct '60; (mil records corrected).

LT. COL. AGAIN

An Army Medical Corps officer, Robert W. Green, has become a lieutenant colonel for the second time in 17 years.

He left the Army to enter medical school in 1946 after rising up the promotion ladder as an Infantry officer in African and European fighting.

He became an MC first lieutenant after receiving his doctorate of medicine from the University of Pittsburgh in 1950.

In a promotion ceremony in the office of Brig. Gen. Floyd L. Wergeland, Walter Reed General Hospital Commander in Washington, D. C., he was pinned with the same set of leaves he removed from his tunic in 1946.

INFANTRY—

Colonel
 Cavness, William D., Ft Monroe, to Stu Det USALS, Presidio of Monterey, Calif.
 Jones, Ernest L., Wash, DC, to Hq First USA, Governors Is, NY.

Lt Colonel
 Lucke, Emil A., Alameda, Calif, to USA ADGRU Korea, Yongsan.

Lt Colonel
 Lipsky, Joseph A., Ft Jackson, to Det USA Instr Gp, Ga XII USA Corps, Riverside Mil Academy, Gainesville, Ga.
 Ulrich, Richard W., Ft Benning, to Det USA Instr Gp, SC XII USA Corps, Presbyterian College, Clinton, SC.

Caldwell, William B., 3d, Buckingham, England, to USA Elm Hq Allied Land Forces Denmark, Copenhagen.
 Missal, Joseph B., Jr., Ft Meade, to Det 15 USA ROTC Instr Gp, Temple Univ, Philadelphia.

Wyand, Preston W., Sandia Base, to Fifth USA ROTC Instr Gp, University of Wichita, Wichita, Kans.

Coleman, David J., Jacksonville, Ala, to USA ADGRU Korea, Yongsan.

—Continued on page 14

Army Names Deputy AG

Brig. Gen. Julian A. Wilson, Adjutant General, U. S. Army Europe, will become Deputy Adjutant General in October. General Wilson has been confirmed for temporary promotion to major general.

Col. Kenneth G. Wickham, Commandant, Adjutant General School, Ft. Benjamin Harrison, Ind., has been assigned to the Adjutant General's Office, Washington, D. C., in July. He has been nominated for promotion to temporary brigadier general.

Foreign Officers Honored At Naval College

Naval War College Pins have been presented to 24 Senior Foreign Officers in recognition of their successful completion of the Naval Command Course at Newport, R. I.

VAdm. Bernard L. Austin, President of the Naval War College, presented the pins.

The senior foreign officers, who will return to their own countries after graduation from the Naval War College on 14 June, and their home countries are Captains Jose H. Orozco, Mexico; Shu-Mien Pai, China; Kyong M. Chong, Korea; Quirico P. Evangelista, Philippines;

Gino de Giorgi, Italy; Armando Medina, Venezuela; Augusto V. de Sousa, Portugal; Teiji Nakamura, Japan; Carlos Prieto, Colombia; David Williams, Great Britain, and Alberto Oliver, Argentina.

Also Commanders Jorgen V. Stilling, Denmark; Peter J. Arapakis, Greece; Miguel Rotalde, Peru; Sigmund Longva, Norway; Noisio P. Oliveira, Brazil; Berthold Jung, Germany; Carlos M. Jaunsolo, Uruguay; Kenneth W. Shands, Australia; S. Azhar Hussain, Pakistan; Thada Dis-thabunchong, Thailand; Chung T. Cang, Vietnam, and John C. Smyth, Canada, and Lt. Col. Oemar B. Sjaaf, Indonesia.

NAVY ORDERS:

Capt. Blaisdell Will Leave JCS Duty; Argentia Command Goes To Capt. Harbert

John B. Connally, Jr.—Secretary of the Navy
 Paul B. Fay, Jr.—Under Secretary of the Navy
 James H. Wakelin, Jr.—Assistant Secretary (Research & Development)
 Kenneth E. BeLieu—Assistant Secretary (Material)
 —Assistant Secretary (Financial Management)
 Admiral Arleigh A. Burke—Chief of Naval Operations

REAR ADMIRAL

COOPER, Joshua W., ComTraPac; to Ch-MAAG Norway Oslo.
 NUNN, Ira H., ChMAAG Norway Oslo; to Com 9.

CAPTAIN

BLAISDELL, Norman E., JCS Joint Staff; to DirNavCouncil of Pers Bd NavDept.
 CHACE, John F. (MC), NavHosp SDiego; to NavAdminCom NTC SDiego.
 CLIFFORD, John K., Staff ComFAirHawaii; to OpNav.
 CRUTCHFIELD, Robert R., ComDesDiv 282; to CO and DirLantFlt ASW TacScol NorVa.
 EMRICK, Paul E., OpNav; to CO NavMarCor Tra Cen Alameda.
 FANKBONER, Ronald B. (MC), NavHosp in the USS Haven; to Staff ComDesFlot 3.
 GAY, William W. Jr. (SC), AsstChBuSandA for Rsch and Dev NavDept; to SupOff MCAS ElToro Santa Ana.

Air Force and Marine Corps
 Orders begin on Page 4

HARBERT, Charles W., CO NAAS Kingsville; to CO NavSta Argentina.
 HARRIS, John S., NavMor JWar Rm Annex WashDC; to JCS Joint Staff.
 HEARN, Wilfred A., CO NavScol NavJustice NavBase Npt; to CO same unit.
 KLOPP, James W., OIC NavDNEQPConOfc WashDC; to OIC NavPDNEQPofc Phila.

—Continued on page 7

New Skipper For Intrepid

Capt. James Lloyd Abbot, Jr., has relieved Capt. Charles S. Minter, Jr., as Commanding Officer of the Navy's oldest attack aircraft carrier in commission, the Intrepid.

Captain Minter was ordered to the U. S. Naval Academy, at Annapolis, Md., as Commandant of Midshipmen.

The new Commanding Officer, son of a retired Navy Captain is veteran of four commands. His last command was the seaplane tender Valcour.

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"The one-man bombers . . . can provide combat flexibility and observation capability" **Flying**

"In effect, a reusable guided missile" **Interavia**

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AIR FORCE ORDERS:

Many Generals Move To New Commands; L/G Burns Heads Inter-American Board

Eugene M. Zuckert—Secretary of the Air Force
Joseph V. Charyk—Under Secretary of the Air Force
Joseph S. Imrie—Assistant Secretary (Material)
Lyle S. Garlock—Assistant Secretary (Financial Management)
Brockway McMillan—Assistant Secretary (Research & Development)
General Curtis E. Le May—Chief of Staff

GENERAL OFFICERS—

Lieutenant General

Smart, Jacob E. fr Langley AFB, to Hq Fifth AF, PacAF, APO 925, SF, for dy as Comdr, & Comdr, US Frcs Japan, eff 1 Jul.
Burns, Robert W. fr APO 925, SF, to Centr Contr Gp (Inter-American Def Bd), Hq USAF, WashDC, for dy as Chmn, eff 1 Jul.

Major General

Wade, David, fr Vandenberg AFB, to Hq Sixteenth AF, SAC, APO 283, NY, for dy as Comdr, eff on dep Maj Gen J D Ryan, NLT 6 Jul.
Timberlake, Edward J. fr APO 633, NY, to Ofc, DCS/P, Hq USAF, WashDC, for

dy as DCS/P, NLT 1 July.

Holzapple, Joseph R. fr Wright-Patterson AFB, to Ofc, DCS/M, Hq USAF, WashDC, for dy as Asst to DCS/M, NLT 15 Jul.
Disosway, Gabriel P. fr Wash, DC, to Hq TAC, Langley AFB, for dy as VComdr, NLT 1 Jul.

Ryan, John D. fr APO 283, NY, to Hq Second AF, SAC, Barksdale AFB, for dy as Comdr, NLT 1 Jul.

Preston, Joseph J. fr Malmstrom, to Hq 1st Msl Div, SAC, Vandenberg AFB, for dy as Comdr, eff on dep Maj Gen D Wade, NLT 10 Jul.

Twitchell, (BrigGen) Harold H. fr Lowry AFB, & ret as BrigGen, eff 30 June, & adv to MajGen.

Cary, (BrigGen) John B. fr Bolling AFB, & ret as BrigGen, eff 30 Jun, & adv to MajGen.

Hutchison, (BrigGen) David W. fr Shaw AFB, & ret as BrigGen, eff 30 Jun, & adv to MajGen.

Wade, Horace M. fr APO 30, NY, to Hq Eighth AF, SAC, Westover AFB, for dy as Dep Comdr, eff on apt Maj Gen Hunter Harris, Jr, as Comdr, NLT 30 Sep.

Smith, Dale O. fr Stewart AFB, to Centr

—Continued on page 8

L/C Berry Leads Squadron

New Commander of the 1502d Field Maintenance Squadron at Hickam AFB, Hawaii, is Lt. Col. Edmund B. Berry III. He succeeds Lt. Col. Lyle Thomas, reassigned as PACAF Base Command Staff Maintenance Officer.



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AMA HITS SECDEF MEDICAL ACTION

NEW YORK CITY

THE American Medical Association has charged that the abolition of the position of Assistant Secretary of Defense (Health and Medical) "downgrades and endangers the effectiveness of the medical and health programs of the Armed Forces."

In a resolution passed by the Association's House of Delegates, the AMA urged that administration of medical affairs in the Military Establishment be taken out of the hands of Assistant Secretary of Defense (Manpower) Carlisle P. Runge and placed in the hands of a qualified physician.

"The multiple responsibilities inherent in the proper organization, planning, and administration of this important service (health care of 3 million Armed Forces' members and their families) should rest in the hands of a qualified doctor of medicine, rather than be a portion of the duties of a lay administrator," the AMA said.

Recommending that "every effort be made by the Association to re-establish the position of Assistant Secretary of Defense (Health and Medical) and that the position be filled by a physician," the AMA urged new appeals to Congress and "high ranking officials in the Executive branch."

The position of Assistant Secretary of Defense (Health and Medical) was occupied until 31 January 1961 by Dr. Frank B. Berry. His Deputy was Dr. Edward H. Cushing.

Effective 31 January, the Assistant Secretary position was abolished. The functions of the office were transferred to Assistant Secretary Runge. Dr. Berry was retained as Senior Medical Advisor to Mr. Runge and Dr. Cushing was appointed Deputy Assistant Secretary of Defense (Health and Medical) under Mr. Runge.

MARINE CORPS ORDERS:

L/C Williams Is Assigned To Albany; Valley Forge Duty For Major Pineo

Commandant—General David M. Shoup
Assistant Commandant—Lt. Gen. John C. Munro
Chief of Staff—Lt. Gen. Wallace M. Greene, Jr.

LT COLONEL

Nolte, William L. Hq MC, to 3d MAW.
Williams, George L. 2d Mar Div, to MSCS, Albany, Ga.

MAJOR

Pineo, Ray D. LdgForTraUant, to USS Valley Forge.
Cook, Robert H. Santa Ana, Calif, to 1st MAW for Difot w/VMO-2.

CAPTAIN

Marosek, Joseph R. USS Yorktown, to MCOSO, Seattle.
Patterson, Kenneth G. 1st Mar Div, to MCOSO Chicago.
Smith, Wendell P. MCS, Quant, to USS Boxer.
Thompson, David F. MCS, Quant, to For Trps FMFLant.
Nelson, Roger B. MCS, Quant, to CO Mar CorComp NAG Korea.
Catt, Jack R. 3d Mar Div, to MCRDEP PI SC.
Erickson, Eldon L. MCS, Quant, to FMFLant.
Patterson, Kenneth G. 1st Div, to MCOSO.
Turner, James S G. MAAG Vietnam, to 2d Mar Div.
Welland, Gerald A. MCS, Quant, to 2d Mar Div.

1ST LIEUTENANT

Fennell, Harris J. Beeville, Tex, to 2d MAW.
Thompson, Daryl W. MCS, Quant, to HqBn HqMC.
Busse, David M. MCS, Quant, to 1st MAW.
Owens, Harold M. 2d MAW, to MCS, Quant.
Porter, Charles R. MCS, Quant, to 1st Mar Brig.
Garbacz, Gerald G. HqMC, to MCRDEP PISC.
Velle, Alan R. 3d Mar Div, to ForTrps FMFLant.
Williams, Larry R. NAS Jax, to 3d Mar Div.

Col. Gray Takes Command

Col. Joseph A. Gray, has assumed command of MWSG-27 at the Cherry Point, N. C., MCAS. He succeeds Col. Randolph C. Berkeley, Jr.

Lt. Col. Harold P. Williamson replaces Colonel Gray as Second Wing G-1.

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Washington 6, D. C.

Brooke, Peter F. 3d Mar Div, to ForTrps FMFLant.

Johnson, Sven A. 2d MAW, to 8th Engr Co USMCR, Orlando, Fla.

Sammon, Austin D. 1st MAW, to I-1 3d Comm Co, USMCR, Roch.

Drost, Ronald S. USS Boxer, to LDGFor Tra UAnt, NavPhib, LCreek, NorVa.

Deitrick, Roger E. 1st MAW, to Municipal Univ of Omaha, Omaha, Nebr.

Miskow, Kenneth P. Beeville, to 2d MAW.
Fugate, Ray A. 1st Mar Div, to Cp Smedley D Butler.

FDR IS TOPS

The Franklin D. Roosevelt (CVA-42) has passed the Essex in the record for arrested recoveries on an aircraft carrier, with over 104,000 landings to her credit.

The Roosevelt is on her 13th Mediterranean cruise, another record for aircraft carriers. She is commanded by Capt. Edward L. Anderson.

Since the policy of assigning air groups permanently to carriers was established in October 1958, Air Group ONE, which is embarked on the Roosevelt and led by Cdr. A. A. Hawkins, has accounted for over 26,500 of the ship's total landings.

Johnson, Ralph D. Jr. Barstow, Calif, to MCR Dep, PI SC.

Bailey, Edward R. Kingsville, Tex, to 3d MAW.

Finn, Laurence P. 3d Mar Div, to MCB Cam Pen.

O'Donnell, John W. 2d Mar Div, to USS Boston.

Rhinesmith, Gary B. NAS, Pncla, to MCB CamLej.

Deeney, John J. Jr. 3d MAW, to MAD NABTC Pncla.

Ellis, Gerald L. Omaha, Nebr, to 1st MAW.

Marshall, William H. 2d MAW, to OIC Army Eval Gr NAS, Jacksonville.

To MCRDEP SDiego

From MCS, Quant:
McIntyre, David S. Perry, Raymond F

To 1st Mar Div

Pepper, Jack R. 3d Mar Div.

Munson, Ralph L. 3d MAW.

To 2d MAW

Dunham, Robert J. MCS, Quant.

Cason, Billy A. 1st MAW.

From Beeville, Tex:

Abington, Richard C. Cushing, Philbrook S

Boston, John C

To 3d MAW

From MCS, Quant:

Hagerman, Gary N. Fairchild, C R

Larsen, Herbert P

—Continued on page 23

Navy-AF Triple Satellite Success; Army Advent Project Details Told

From first page— watts of electricity for at least five years.

Jubilant Navy officials, including VAdm. J. T. Hayward, Deputy CNO for Development; RAdm. F. L. Ashworth, Assistant Chief of the Bureau of Weapons for Research, Development, Test and Evaluation, told Pentagon newsmen that the success of Transit 4-A points the way to an operational system next year.

Others who participated in preparations for what Admiral Hayward described as "the most successful launch we have had," included Dr. R. B. Kershner, Space Development Division Supervisor, Johns Hopkins Applied Physics Laboratory; Capt. W. E. Berg, Astronautics Development Division Director, OCNO; Capt. R. F. Freitag, Bureau of Naval Weapons Astronautics Division Director; Dr. T. A. Chubb, head of the Naval Research Laboratory's Upper Air Physics Branch; Dr. J. H. Fregeau, ONR Nuclear Physicist; and Mr. M. J. Fotwa, head of the NRL Satellites Techniques Branch.

Admiral Hayward and his colleagues told reporters that the Navy is striving to reduce the weight of the Transit satellite so that it will be possible to replace the Thor launching vehicle with the solid propellant Scout. The Thor costs about \$4.5 million, compared to about \$1 million for the Scout, the Navy authorities explained.

It is planned that the Transit satellite ultimately will be reduced to a weight of about 90 pounds.

The operational system will require that four satellites be in orbit simultaneously.

With the installation of relatively inexpensive receiving and computing equipment aboard ships and aircraft, it will be possible for navigators to obtain information from the Transit system that will permit pinpoint plotting within one tenth of a mile.

Later Transit satellites will be launched from the West Coast. Admiral Hayward took the occasion of the Pentagon news briefing to stress the importance in the Navy view of being able to launch satellites from sea in order to obtain orbits with maximum effectiveness for navigational purposes.

Less than 12 hours after the Transit was orbited, Atomic Energy Commission Chairman Glenn T. Seaborg briefed reporters on operations of the world's first radioisotope-fueled weather station. Developed by the Martin Company, the unit is scheduled for early shipment to a remote and barren location north of the Canadian mainland where it will

make year-round weather observations and transmit the findings more than 1500 miles.

The SNAP generator in Transit uses plutonium 238 for fuel.

As the fiscal year closed on the successful Navy-Air Force triple satellite achievement, the second site of the Air Force's Ballistic Missile Early Warning System (BMEWS) at Clear, Alaska, be-

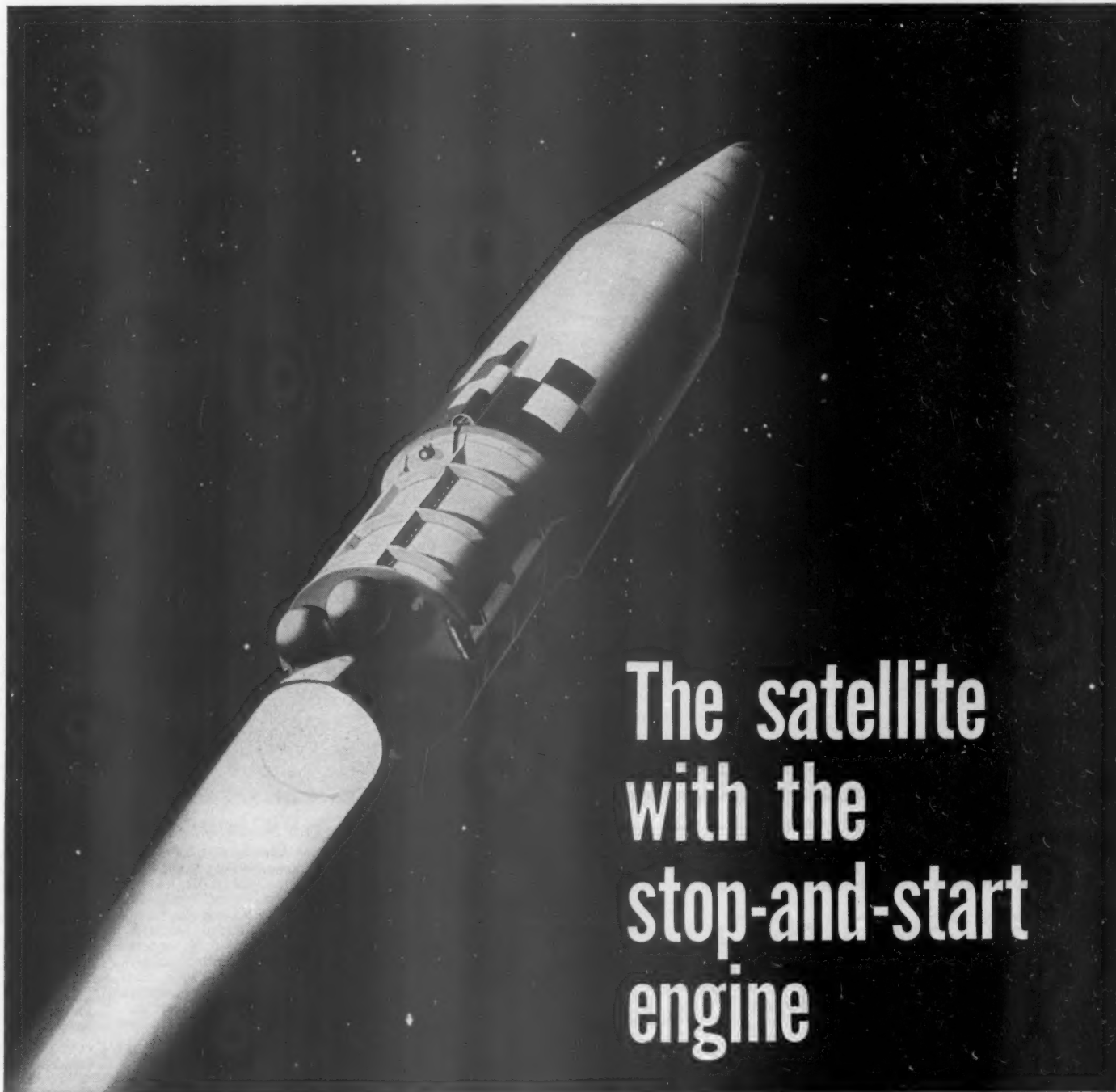
came operational 1 July at the start of fiscal '62. Linked with the BMEWS Site I in Thule, Greenland, covering the northern polar wastelands, it will provide the U. S. with a 15-minute notice of an impending ICBM attack.

BMEWS will include a third site in Yorkshire, England, presently under construction. The English site will provide warning to Great Britain of attacks by

intermediate range ballistic missiles (IRBMs) as well as supplying North America with warnings of ICBMs.

BMEWS is a fully automated, space-age electronic system. Returns from BMEWS radar are automatically processed through the system and displayed on three-dimensional wall-sized battle maps. Total time for BMEWS signals to

—Continued on page 23



The satellite with the stop-and-start engine



The Agena B's own engine ignites and drives it on to orbital velocity after first-stage booster burns out and drops away.



Radio signals from earth start and stop Agena B's engine to turn the original orbit into new around-the-equator orbit.

Why the Agena B gives America more orbits for the money

The Agena B's powerful rocket engine can be started and stopped at will by radio signals from earth. This new capability means 1) much greater certainty of reaching the desired orbit; 2) a heavier payload or a higher orbit from a given first-stage booster; 3) converting original orbits to around-the-equator orbits which hold great promise for communication and navigation satellites; 4) maintaining a satellite's precise position on orbit for long periods. Lockheed-built Agena Bs are now being used in the Discoverer, Midas, and Hawkeye programs of the U. S. Air Force, the Advent program of the U. S. Army, and the Ranger, OGO, OAO, and Nimbus programs of the National Aeronautics and Space Administration. Major subcontractors: General Electric, Bell Aerospace, Philco.

LOCKHEED

MISSILES & SPACE DIVISION, SUNNYVALE, CALIFORNIA

\$400,000 AMBULANCE HELIPORT IN ACTION

THE \$400,000 Brooke Army Medical Center Heliport at Ft. Sam Houston, Tex., the Army's first facility designed as a base for helicopter ambulances, has been dedicated by Maj. Gen. John F. Bohlender, Center Commander, and Maj. Gen. William E. Shambora, USA-Ret. former Commander.

The heliport, under construction for a year, will be a base for about 12 helicopters assigned to the Aviation Branch and the 82d Helicopter Ambulance Detachment. It will be equipped for flight operations and maintenance of the aircraft. The heliport will serve as a base of operations for evacuation of patients to Brooke General Hospital and for training students at the Medical Field Service School and trainees at the Army Medical Training Center in aerial evacuation of patients in combat.

L/C Jumper At Langley

Lt. Col. Jimmy J. Jumper, new Commander of the 48th Langley AFB, Va., 48th Fighter Interceptor Squadron, has succeeded Col. L. P. McIntosh, assigned to Yakota AB, Japan.

Colonel Jumper completed the Air War College at Maxwell AFB, Ala.

The Jumper family which includes his wife, Maree, and three children—John, Janet and Thomas—reside at 28 Egan Ave.

Col. Martin To Armor Board

Col. Lawrence A. Martin has been assigned to U. S. Army Armor Board at Ft. Knox, Ky., after duty as VII Corps G-1 in Germany.

Col. Hunter Named L.A. AF Info Chief

Col. James D. Hunter has assumed command of the Secretary of the Air Force's Los Angeles Information Office. He succeeds Col. Dean E. Hess, assigned as Fifth Air Force Director of Information in Japan.

Under Maj. Gen. Arno H. Luehman, AF Information Director, the Los Angeles Office at 6085 Sunset Boulevard, Hollywood, represents the Secretary of the Air Force and provides liaison for all Air Force organizations with national news and entertainment media on the West Coast.

Colonel Hunter has spent the last seven years connected with U. S. Air Force Academy activities. He has served as Assistant CofS of the Academy, Registrar and Director of Admissions. More recently he was the Academy's Congressional and Military Affairs Representative at USAF Headquarters.

Colonel Hunter resides at Northridge, Calif., with his wife Delores and seven children.

Colonel Hess, who has been Chief of the Los Angeles Information Office since March 1957, is well known for his work in establishing an orphanage in Korea during the Korean War and also for his philanthropic efforts since that time to assist children everywhere. He is the author of the book "Battle Hymn" which was later adapted to a motion picture with the same title.

SAC CofS Will Head 7th AD In U.K.

General Thomas S. Power, CinC, reports that Maj. Gen. Edwin B. Broadhurst, SAC CofS for more than three years, will become commander of the 7th Air Division in England, effective 1 August. He succeeds Maj. Gen. Charles B. Westover, who will become Assistant Deputy CofS for Operations at USAF Headquarters.

Returning to SAC Headquarters as General Broadhurst's successor will be Maj. Gen. James H. Walsh, Assistant CofS for Intelligence, USAF Headquarters. General Walsh was assigned to SAC Headquarters from November 1950 until June 1955 as the Director of Intelligence.

Stars Added In The Army

The Army in S.O. 160, has promoted the following colonels and brigadier generals. Date of rank of all major generals is 1 August 1956. Brigadier General DORs are as indicated in 1961.

To Major General

Gerhardt, Harrison A. Timmes, Charles J. Rich, Charles W. G. Wergeland, Floyd L. Tucker, Reuben H. Honeycutt, John T. Snodgrass, John T. Cunningham, W. A. Power, George W. McMorrow, F. J. Alger, James D.

To Brigadier General

Brown, Travis T, QMC, 8 Jun
Symroski, Charles A, ARTY, 10 Jun
Huston, Milburn N, INF, 12 Jun
Davison, Horace G, ORDC, 14 Jun
Kerwin, Walter T Jr, ARTY, 16 Jun
Ash, Hughes L, INF, 18 Jun
Worthington, James M, ARTY, 19 Jun
Chesarek, Ferdinand J, ARTY, 20 Jun
Scherrer, Edward C D, ARMOR, 21 Jun
Mudgett, Charles F Jr, INF, 22 Jun
Beall, John A Jr, ARMOR, 23 Jun
Yarborough, William P, INF, 24 Jun
Haneke, William C, FC, 25 Jun
Graham, William D, MC, 26 Jun
Redling, William N, TC, 27 Jun
Cone, John M, ORDC, 28 Jun
O'Brien, John G, JAGC, 29 Jun
Quandt, Douglass P, ARTY, 30 Jun

Col. Lewis Takes Command

New Commanding Officer of the Seattle region of the Military Subsistence Supply Agency is Col. Richard L. Lewis, who succeeds Col. Karl S. Thornburg, USA-Ret.



TWIN-TURBINE HELICOPTER. The Boeing-Vertol 107—fastest, smoothest-riding commercial helicopter now flying—goes into service with New York Airways this summer. It seats 25 passengers in comfort, cruises at 155 mph and has built-in flotation for water

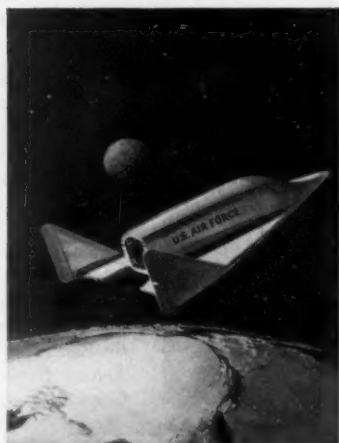
landings. The 107 is now undergoing FAA certification testing. It has been ordered for service in Japan, Canada and Sweden. A special version was winner in recent competition for a U.S. Marine Corps assault transport helicopter.

Capability has many faces at Boeing



JET-AGE FIRE FIGHTER. Boeing gas turbine engines power fire trucks in San Francisco and Seattle. These 330 hp engines weigh only 335 pounds, propel 15-ton trucks from standing start to 25 mph in 9 seconds.

SPACE GLIDER. Drawing of U.S. Air Force's Dyna-Soar manned space glider, designed to rocket into space, then re-enter the earth's atmosphere for conventional pilot-controlled landing. Boeing is system contractor for Dyna-Soar.



OXYGEN FOR SPACE. Boeing space medicine research includes growth of green algae for conversion of carbon dioxide into oxygen in space vehicles. In test, a Boeing researcher has lived 56 hours on algae-produced oxygen in sealed space chamber, proving potential of carbon dioxide-algae-oxygen cycle.

BOEING

Navy Orders Cdr. Paul Garbler To Moscow; Cdr. J. M. Gillin Joins NORAD at Stewart AFB

From page 2—

LAFARGE, Charles A (SC), Staff ComNav-Phil; to ACOFS for Log and Sup Com-PRNC.
OLSEN, Albert R, CO USS Paul Revere; to CofS and Aide ComCarDiv 17.
PARKER, Elwin A. Staff ComNavAirPac; to OIC Com 7th Flt Det Alfa.
RADFORD, James C, BuShips; to Norfolk-NavShipYd.
SMITH, William R Jr, JCS Joint Staff; to ComPhibRon 6.

COMMANDER

BEMIS, Lawrence R, Co TraRon 25 NAAS Chase Fld Beeville; to Cardiv 7.
BERKSTRESSER, Charles G, BuPers; to PatRon 56.
CAVE, Amos W Jr (DC), NavDisp NavDept; to USS Amphion.
GARBLER, Paul, Home; to Asst ALUSNA and Asst ALUSNA for Air Moscow.
GILLIN, James M Jr, NAS Brunswick; to Boston NORAD Sector Stewart AFB.
HAWLEY, Edward R, NaDevUnit (Proj Lincoln) SoWeymouth; to FltTacSupRon 24.
HERRON, Adam A Jr, DesLant; to ComCort-Ron 14.
JONES, Roland W (MC), NavHosp Bethesda; 2d MarDiv (FMF).
KOST, George J (SC), NSD Yokosuka; to BSNVShipYd.
MEEKS, Arthur F (CEC), BuDocks; to So-EastDivDocks NavBase Chas.
MORTON, Frank M Jr (SC), USS Shenandoah; to Cheatham Annex NSC Norfolk Williamsburg.
MYERS, CO PatRon 40; to SoLant.
OLSON, Frank W, NavResTraCom Omaha; to 12ND.
ROBISON, Rembrandt C, CO USS Bradford;

to OpNav.
SEELINGER, Robert A, CO USS John Paul Jones; to DesLant.
ADAMS, Paul G, Jr, JStaff ESCInCeur; to BuPers.
BALDRIDGE, Jewett A, DesFlot 21; to JAlternateCom Elm, WashDC.
BERETTA, John J (MSC), NavHosp SDiego; to MilMedSupAgency Bklyn.
COBB, Philip W, AFSC NorVa; to NAS Oceana Virginia Beach.
EDDY, George Jr (SC), NSA Ft George G Meade; to NSD Phila.
LIGHTNER, Thomas A L (SC), NavSta Argentina; to NSD Clearfield.
MACMILLAN, Harold R, BuPers; to JStaff USCInCeur.
MALCOLM, Everett A (SC), MilPetSup Agency WashDC; to NSC Oak.
MOORE, Robert L, FltCom DASA Sandia Base Albuquerque; to OIC NavMAG Subic Bay.
HEITZBERG, Thomas S, ProvMAAG Korea Seoul; to CO NavResTraCen New Haven.
SIMMONS, Robert C Jr (SC), NavSec MAAAG Italy Rome; to OSD WashDC.
ALLEN, Joseph F, 5ND; to USS Entrepid.
ASHCRAFT, Robert L, NaTechTraUnit NAS Pncla; to NavAdGru AirUniv Maxwell AFB.

BLAKE, Gilbert S, HatWg 1; to NAS Los Alamitos LBeach.
DOSSKEY, Gordon B, 13ND; to NavSta Subic Bay.
HART, Samuel S (SC), OIC NavOverseas Air Cargo Terminal NSC Pearl; to BuSanda.
ANDERSON, Jack D, CO TacRon 21; to PhibTraLant.
BAUER, William H, NAS Oak; to NARTU NAS Alameda.
BELL, David V, AirAntiSubRon 22; to NAS Seattle.
BEVIL, Lester F (SC), Staff CinCSouth; to ServLant.
BUSH, John M, NAS Oak; to NARTU NAS Alameda.
BUTCHER, Harold K, BuWeaps; to USNav SuppFor Antarctica WashDC.
CLIFFORD, George M Jr (SC), OIC NavFuel Annex NSC Oakland Ft Molate Richmond; to OIC NavFuelDep Casco Bay Harpswell Neck.
COUGHLON, Francis J, NAS Oak; to NARTU NAS Alameda.
DEAN, Byron W, NAS Oak; to NARTU NAS Alameda.
DEEMS, Eugene F, AEWRon 13; to JAlternateComElm WashDC.

Parris Island Change

Capt. Harold D. Haviland has relieved Maj. Thomas J. Burckell as Director of Recruiters School at the East Coast Marine Corps Recruit Depot, Parris Island, S. C. Major Burckell has been transferred to Marine Corps Schools, Quantico, Va., where he will attend the Junior Officer's Course.

FITZWATER, Harry E, Jr, NavWarCol Npt DUins; to FAIRconRon 2.
FORD, Ellen (SC), NavAreAudOfc Phila; to MilIndSupAgency Phila.
FOX, John E, Boston NorAD Sector Stewart AFB; to NAF Sigonella.
GAIBLER, Richard, FAIRconRon 1; to AeWron 1.
GERBER, William, (SC), NYNavShipYd; to USS Essex.

Carrier Command Changes

Command of two Sixth Fleet attack aircraft carriers, Forrestal and Franklin D. Roosevelt, have changed hands.

Capt. Donald M. White relieved Capt. Robert E. Riera aboard the Forrestal.

Capt. Edward L. Anderson relieved Capt. Edward W. Hessel as FDR's commanding officer.

Captain Riera has been ordered to the OCN in Washington. Captain Hessel will serve as an instructor at the Naval War College, Newport, R. I.

GODWIN, John J, NAS Oak; to NARTU NAS Alameda.
GROSS, Edward K, NAS Oak; to NARTU NAS Alameda.
HACKETT, Bernard E, NavTraDeviceCen Port Washington; to NAS BarPt.
HESTILOW, Jack M, NAS Oak; to NARTU NAS Alameda.
HOLME, Bethel M, NAS Oak; to NARTU NAS Alameda.
HUTCHESON, Edward L, HelTraRon 8; to HelAntiSubRon 2.
KINGSTON, George W, CO USS Charles P Ceall; to BuPers.
KNAPP, Victor P, (DC), USS Amphion; to NavDental Clinic MarCorBase Campen.
MACKINNON, Willis, T, (SC), NAS Glyncobrunswick; to Ofc of Compt of Navy Nav Dept.
MARTENS, Theodore J, TG 7.3; to Nav WpnServOfc NavWpnPlant WashDC.
MARTINI, Mario, NAS Oak; to NARTU NAS Alameda.
MCTIGHE, John A, OpNav; to USNA Annap.
NORTH, John R, PhibGru 3; to AirAnti SubRon 37.

—Continued on page 20

Ship Skippers

CAPTAIN

Fargo, William B, OpNav; to CO USS Platte.
Ferguson, John A, CO USS Pine Island; to CO USS BENNINGTON.
Jarman, Edward B, BuWeaps; to CO USS Piedmont.
Leon, Strauss S, OSD WashDC; to CO USS Pickaway.
Snipes, Beecher, OpNav; to CO USS Pyro.
Smith, Ellsworth N, InsMat Bsn; to CO USS Allagash.
Taeusch, Frederick L, ChPlansDiv Prov MAAG Korea Seoul; to CO USS Skagit.
Westhoff, William E, CO NavCommSta San Juan; to CO USS Chipola.

LIEUTENANT COMMANDER

Jones, Allen, Jr, NavWarCol Npt DUins; to CO USS Cook.
Strong, James T, USS Seadragon; to CO USS Sterlet.
Cocke, James S, BuWeaps; to CO USS John Willis.
Newgard, Douglas L, USS Hamner; to CO USS Walton.

Marine Officers Face Administrative Tests

Marine Corps captains and first lieutenants on active duty will be tested on Marine Corps administrative matters beginning 2 February 1962.

Objective is to improve Marine Corps administration, and "raise the officers' knowledge of administrative subjects to a standard which will insure maximum administrative efficiency in the Corps," an official announcement said.

The tests will be administered to unrestricted, supply duty, limited duty, and Women Marine officers.

The battery of tests, consisting of multiple-choice type questions only, will be prepared by a board of field grade officers at Headquarters Marine Corps and will include the following subjects: Organization, command, and command relationships, General administration, Personnel management and administration, Supply management and administration, Financial management, and Discipline, law, and legal matters.

Tests will normally be administered on the first Friday of February with alternate testing on the third Friday in March. Testing periods and zones will be announced by Headquarters Marine Corps.

Marine Corps Order 1520.7 (distributed recently), which outlines the new program, establishes the following zones for 1962:

Captains: Unrestricted/SDO with date of rank prior to 2 August 1956; LDO with rank prior 2 July 1958; and Women Marines with date of rank prior 15 July

1959. First Lieutenants: Unrestricted/SDO with date of rank prior to 15 December 1959; LDO with rank prior 1 February 1959; and Women Marines with rank prior 15 December 1960.

Retired officers on active duty, officers on a promotion list, and officers due to retire, revert, or be released from active duty prior to 1 September 1962 will be exempt from testing.

A list will be published of those officers who successfully pass the test. Officers who fail will be notified by letter and will be required to take the test the following year. An officer who fails the test and is subsequently promoted will be required to repeat the test until he passes it. Officers taking a lieutenant's test will be required to take a more advanced test as a captain.

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Q&A On Accrual Pay Tells Why AF Needs Legislation

TWO bills of "vital, significant interest" to the Air Force are currently before Congress.

One is a measure that would create more field grade officers billets in the Air Force by amending the Officer Grade Limitation Act (OGLA). The other is a proposal that would give some measure of flying pay to veteran rated personnel. This is the Flight Accrual Pay Bill.

The Air Force has put out a statement to the field about Accrual Pay. The statement acknowledges that there has been "some sharp, adverse comment in Washington circles," concerning this proposal.

"Now, it's easy to brand any opposition as 'uninformed' because we can see that this country needs both proposals," the Air Force says in a statement to its people. The statement continues:

"Yet, in all honesty, we must admit that the average American has probably never heard of the subjects, much less formed an opinion about them.

"There are good reasons for this. The bills are technical and almost presuppose discussing them in specialized language the layman could hardly hope to understand. The bills also are worded by necessity to cover specific individuals so that the national interest can be lost to the layman.

"But there is a need for the layman to know in this democracy of ours. We must realize that the public does not necessarily equate the truism that, what is good for the man who serves his country is good for the country the man serves.

"Let us, then, take every opportunity to speak out clearly what Flight Accrual means to this country. Let us speak with candor and in everyday language the layman can understand. Let us ask ourselves some tough ques-

tions.

Q: Why do we wish to have accrual pay?

A: Department of Defense is not proposing to pay anybody "not to fly." Such fliers who would be "excused" from making proficiency flights already have been trained to a high degree. They would be required to maintain physical standards and be ready to assume vital flying jobs in event of national emergency. We would be, in effect, paying a low maintenance cost.

Q: Who then are these fliers?

A: They are some of our most highly experienced and decorated pilots, navigators and commanders who have demonstrated the ability to control large formations in tough combat situations. Some are missilemen. Others are top-level staff-men who are the project officers in vital Air Force technical fields. In number, they total less than 7,500. But they are vital.

Q: Why are we considering this form of pay?

A: In today's lucrative job market for technical personnel, it goes against the dictates of common sense to reduce the pay of such highly qualified personnel by 19 to 23 per cent (loss in flight pay would do this) when the U. S. economy offers in most cases a boost in pay. It boils down simply to this: The military services must retain these men.

Q: How did it happen that such a situation was allowed to exist?

A: It's no fault of the personnel concerned. They can't be blamed if the increasing missile role and the reduction of manned aircraft wings have resulted in fewer cockpit jobs. Nor can we blame the government for choosing the most effective and efficient way to defend this country. The dilemma seems unavoidable.

Q: Service Parachute troops and submariners are relieved of extra pay for their specialties when they no longer perform their hazardous duties. Why shouldn't the same apply to flying personnel?

A: Flying always has been regarded by the old Army Air Corps, the present day Air Force and the Navy's Air Arm as a life-long career in itself. Other forms of hazardous duty pay have not been regarded as the life work for officers. Thus, the only link between flying pay and other forms of hazardous duty pay has been the hazard.

Any breach of service tradition would amount to, in civilian life, a breach of contract. Additionally, the flying hazard is still the greatest. The Navy says it has completed several mortality studies and the upshot is that the pilot can expect to live 10 less years than his contemporaries who don't fly.

Q: Is money, then, the true motivating power for flight personnel?

A: It's patently apparent that anybody flying operational type aircraft for the money involved is underpaid. And accrual Pay would represent to most fliers a cut in flight pay. The important thing is that it would be a symbolic gesture by this country to these dedicated men. It would at least hold down their personal sacrifices.

Q: What happens if Accrual Pay is killed?

A: The Air Force would have to elect two options or combinations of the two: one, to continue such fliers on full flying status with resultant cost to the taxpayer in the form of operational and maintenance costs estimated at \$42 million annually; two, to throw the men off flight pay without compensation, virtually inviting resignations. The essential point to remember here is that even one senior commander represents a sizeable investment to this country. Weigh this against flight pay and the dollars and cents decision would have to be in favor of protecting America's investment. This is ignoring the consideration that there are things money can't buy. Try to get an employment bureau to dig up the men with the know-how to conduct "life or death" operations for this country. Try to estimate the price tag to this country if we fail to maintain the hard core professionals that we traditionally build around. Consider the momentary worth of the lives of citizen soldiers. Estimate the total worth of this country, how much we would lose should we lose the Cold War.

How would individuals apply for this form of flight pay?

A: They wouldn't. Anyone who volunteers to stop flying is grounded without compensation. This status would be at the exclusive option of the government and determined at top level by the office of the Secretary of Defense.

Q: How much will the Accrual Pay proposal cost the taxpayer?

A: Not a cent. To the contrary it will save money. An estimated \$24 million in fiscal year 1962 alone would be saved if USAF did not have to use funds for operational and maintenance for aircraft employed in proficiency flying.

Q: Why, then, are some people and organizations opposing this plan?

A: The opponents are not unpatriotic, nor are they bent on evil designs. They honestly feel that such pay is not deserved and that its costs money. We believe that, if shown there is a dire need for this plan and a savings involved, the opponents could change their minds.

"It is up to us to hammer home the real problem, the true facts."

Hound Dog Duty Wins Commendation

Lt. Col. Kenneth E. Brown of the AF SC Ballistic Systems Division, Inglewood, Calif. has been awarded the Air Force Commendation Medal by Maj. Gen. T. P. Gerrity, Commander, for "meritorious achievement" from 1 April 1957 to 1 April 1961 as Planning Officer and Test Director of the Joint Test Force for the category testing of the North American GAM-77 Hound Dog air-to-surface missile.

Colonel Brown who received a B.S. Degree from the University of Texas, Austin, in 1947 and later obtained his MBA from the University Chicago, served as an exchange pilot with the Marines during the Korean conflict. He is presently assigned as Deputy Director for Tests, Directorate of Development, Minuteman.

Colonel Brown resides at Apartment 41, 4900 West 116th Street, Hawthorne, Calif.

B/G Greer Directs Satellite Project; B/G Branch Will Get Edwards Command

From page 4—

Contr Gp (Ofc, JCS), Hq USAF, Wash DC, for dy Sp Asst to JCS for Arms Contr, NLT 20 Jul.

Blake, Gordon A, fr APO 963, SF, to Hq ConAC, Robins AFB, for dy as Asst to Comdr, eff on ret of LtGen William E. Hall, for dy as Comdr, NLT 1 Aug.

Warren, Robert H, Hq APGC, AFSC, Eglin AFB, is rel fr dy as Asst to Comdr, & asg dy as Comdr, APGC, on dep MajGen R H Terrill.

Brigadier General

Greer, Robert E, prev ors re his rsg fr Ft Myer, Va, to Hq Spc Sys Div, AFSC, Inglewood, Calif, revo, & verbal ors re his rsg to dy sta El Segundo, Calif, for dy as Dir, Satellite & Msl Observation Sys Project, w/add dy as VComdr, Space Sys Div, AFSC, cfm.

Newcomer, Henry C, prev ors re his rsg fr APO 254, NY, to McChord AFB, IATR "to Hq LA ADS, ADC, Norton AFB, for dy as Comdr & add dy as Comdr, No American Air Def (Continental Air Def) LA ADS."

Neely, Harold L, prev ors re his rsg fr WashDC, to LA ADS, ADC, Norton AFB, for dy as Comdr & add dy as Comdr, No American Air Def (Continental Air Def), LA ADS, IATR "to Hq 64th ADiv (Def), ADC, Stewart AFB, for dy as Comdr."

Pierce, Arthur J, Wright-Patterson AFB, for dy as Comdr, ATIC, & asg Hq Fgn Tech Div, AFSC, Wright-Patterson AFB, for dy as Comdr.

Coupland, Don, fr Inglewood, Calif, to Hq OAMA, AFLC, Hill AFB, for dy as Comdr, NLT 1 Aug.

Hubbard, Boyd, Jr, fr WashDC, to Hq Ninth AF, TAC, Shaw AFB, for dy as VComdr, NLT 1 Aug.

Branch, Irving L, fr WashDC, to Hq AFFTC, AFSC, Edwards AFB, for dy as Comdr, NLT 1 Aug.

COLONEL

Fr WashDC to Sta Indicated

Allison, Royal B, Hq USAF, APO 633, NY.

Dunn, Frank L, 140th Tac Ftr Wg, Buckley ANG Base, Denver.

Courtney, John J, Jr, Hq ESD, AFSC, LG Hanscom Fld.

McCarthy, William A, Hq SAC, Offutt AFB.

LIEUTENANT COLONEL

King, Robert L, Brookley AFB, to USAF, ADC, Otis AFB.

D'Amore, Stanley A, Dallas, Tex, to Hq AFLC, Wright-Patterson AFB.

Fr WashDC to Sta Indicated

Folan, John B, Hq TAC, Langley AFB.

Dyer, James M, Hq ASD, AFSC, Wright-Patterson AFB.

Fristoe, James P, Hq 310th Bmb Wg (M), SAC, Schilling AFB.

Martin, Patrick, Hq SAAMA, AFLC, Kelly AFB.

Shlinners, John W, dy sta Rand Corp, Santa Monica, Calif.

CAPTAIN

Metzger, John E, Robins AFB, to Institute of Technology, Wright-Patterson AFB.

Bensinger, Waymon M, (ChC), Brookley AFB, to 6139th AB Wg, APO 919, SF.

CHIEF WARRANT OFFICER

Collins, W-4 James F, Wash, DC, to Hq 4500th AB Wg, TAC, Langley AFB.

FORMER ORDERS REVOKED—

Nelson, Col (LtCol) Charles K, Jr, prev ors re his ret, revo.

Lacy, Col Albert J, prev ors re his ret, revo.

Powers, Capt Robert J, prev ors re his Hon Disch, revo.

Hayes, Capt Eugene M, prev ors re his HonDisch, revo.

RETIRED—

Colonel

Buck, James B, Hileman, (LtCol) Ce-

Gardner, Robert A, cil A, as LtCol &

Holland, Harold L, adv to Col.

Davis, (LtCol) E G

Lt Colonel

Colby, Nathaniel H, Thompson, Walter W

Carter, Charles R, Bashaw, Harland J

Huffman, George L, Cowardin, C O

Major

Anderson, W H, Jr, Pond, Floyd F

Williams, William R, Boyd, Durward I

Diele, Joe A, Wilson, Clarence B

Truman, Robert V, Proffitt, Hugh M, Jr

Lee, Warren W

As LtCol

Arnold, Roger L, Potter, Kenneth H

Hatchett, John S

Tuberoso, Anthony M

Jett, Robert L, Jr

Perdue, John W

Urbanowski, B B

Huber, Samuel F

Byrne, Harold E

Fetherman, L L

Lane, Thomas S

Baird, Rodney

Tennies, R L

Beetham, C V

Wilson, John P

Voss, Arthur C

Captain

Plantt, Douglas C

Mickelson, Henry B, as Maj.

Ward, Royce L, as Maj.

Poss, Rubin V, Jr

Olivieri, William E

Chief Warrant Officer

Sawyer, W-4 (W-3) David P, Jr, as W-4.

Casey, W-4 (W-3) Percy E, as W-4.

Westfall, W-4 (W-3) Robert L, as W-4.

Craig, W-2 Lester M.

Cason, W-3 Robert J, Jr.

King, W-2 George H.

Antley, W-3 Woodrow S.

Carleson, W-4 Lewis H.

Lewis, W-4 Arthur B.

Predmore, W-3 (W-2) J F, as W-3.

Fine, W-2 Joseph C.

OFFICERS TO TEMP DISAB RET LIST—

Williams, Col Ernest F.

Wachtel, Lt Col Philip D, Jr.

Pimentel, Maj Harry S.

Fortune, Capt Martha J.

LaChapelle, 1st Lt John R.

Fraysur, 1st Lt Marion W, as Capt.

OFFICERS FR TEMP DISAB RET LIST—

Ross, Maj Rufus C, & disch.

Farber, Capt Joseph K, & ret as Maj.

Robinson, Capt Marta A, & ret.

RESIGNED—

Anderson, Lt Col (Maj) Guveren M.

Agnew, Capt Harman C.

Cramer, Capt Mercade A, Jr.

Schmidt, Capt George O.

Spearman, 1st Lt (2d Lt) William L, Jr.

Coker, 1st Lt Charles F.

Lucci, 1st Lt Edward J.

Molter, 1st Lt D W.

Reeves, 1st Lt Garey M.

PERMANENT PROMOTIONS—

W/DR '61

To Maj

17 Jun: Hynan, G E; Hennessy, Donald G;

French, Charles E.

19 Jun: Mann, Lyle E; Sussman, P B;

Nocera, F M; Ritchie, W A; Spaulding,

J P; Brown, Walter A, Jr.

20 Jun: Strada, R A; Mercer, D J; Scog-

gin, L B; Masterson, J M; Campbell, Oliver

F.

21 Jun: Bryant, Charles S; Radzinski,

J J; Atterbury, W R.

REGAF APPOINTMENTS—

As 1st Lt

Ryan, Glen R.

HONORABLY DISCHARGED—

Carroll, Capt Daniel L.

DeHaven, 1st Lt Mary J.

TRANSFERRED—

Wilson, 2d Lt Cyrus C, fr DAF, to DA.

CORRECTION—

Peavyhouse, Capt Dallas G, prev ors re his

ret IATR "ret as Maj."

Jones, Capt Mary, prev ors re her Hon

Disch, IATR "Wells, Capt V."

AIRMEN RETIRED AS OFFICERS—

Gosselin, CM/Sgt Joseph R, as CWO-2.

Bucklew, M/Sgt Harry L, as Maj.

McCall, T/Sgt Larry W, as Capt.

Callow, CM/Sgt Norman W, as LtCol.

Dashley, M/Sgt George F, as Maj.

MATS Outstanding Airman Is CM/Sgt. Paul Jackson

CM/Sgt. Paul C. Jackson, a senior management analyst with Western Transport Air Force's Comptroller Section at Travis AFB, Calif., has been selected by MATS as the outstanding airman of the year. He will represent the command at the 1961 Air Force Association convention in Philadelphia, 20-24 September.

As MATS airman representative, Sergeant Jackson and his wife, Marie, will be official guests of the AFA at all convention activities. AFA will provide round trip commercial air transportation for the couple, check them into Philadelphia's Sheraton Hotel and grant them \$100 for incidental expenses.

STORMY QUESTION:

Should Congress Have A Flag

FLAG Day came to the House of Representatives two weeks too late this year. As a result, Congressmen seeking any part in a storm may not be welcomed by the U. S. Navy.

One thing is certain: Members of the House will not have their own personal flag, such as those accorded generals and admirals of the Armed Forces, and certain civilian officials of government.

A protocol problem may be at fault. No member of the House could say exactly where the proposed flag was to be flown in relation to the squirrel tail on the radio antenna of Member's automobiles.

It all began when Representative Samuel N. Friedel (D-Md.) brought a proposal to the floor calling for creation of a personal flag for members of the House.

The flag—a 13-star banner—was designed by the Army Quartermaster General's Heraldic Branch about eight years ago, at the request of the Congressmen, but has never found needed support to win approval. Under the terms of the proposed legislation it would be provided free to Speaker Rayburn, House Majority Leader McCormick and House Minority Leader Halleck. Other House members would pay for the flag out of their own pocket.

Hardly had the measure been called up for debate, before Representative H. R. Gross (R-Iowa) pounced on it. He planted his feet firmly in the blue field with green oak leaves and acorns (representing strength) and suggested that Congressman Friedel "tell us about this. Is it to put flags on cars of Members of Congress?" he asked.

Representative Friedel allowed as how it was, and also "for use aboard ship."

The inquisitive Congressman Gross had another question: "When a Member of Congress is aboard a ship, what does he or she do, walk on deck with a congressional flag in hand?"

Congressman Friedel said members of the Cabinet, sub-Cabinet and U. S. consuls are authorized flags. "We felt that members of Congress, having a comparable rank of major general, are entitled to a flag."

How many stars will the flag have, Mr. Gross wanted to know, "two, four or five?"

Mr. Friedel said it would have 13—for the original 13 states.

Congressman John F. Shelley (D-Calif.) entered the debate at this point to praise Mr. Gross for his ever-conscientious probing of Federal expenditures. But, he said, Congress lets the Executive Department fly all kinds of flags even "down to the level of assistant secretaries" who, he said, are outranked by Congressmen "under the law and under every rule of protocol."

Congressman Shelley told how non-flag owners are discriminated against. Several years ago while cruising in his boat on the Chesapeake Bay, a sudden storm came up and he tried to make port at a Naval installation "down at the mouth of the Potomac."

The Congressman said a sentry fired a warning shot at him but he finally got in close enough to make himself heard

through a loudspeaker and the Navy let him moor his boat.

When he got back to the Capital, he arranged with the Army Heraldic people to design a Congressional flag. "The nomenclature of the flag and the design was mailed to all of the military installations," he said, and the next time he went boating in the Potomac he flew the flag and the Navy welcomed him "in a very cordial and friendly manner."

Congressman Gross said if a "poor devil" wasn't a Congressman and got caught out in the same storm he would get shot up if he didn't have a flag. "What is the size of this flag?" he asked.

Congressman Friedel said it is "three by five."

"Do you mean to tell me," Congressman Gross demanded, "that the distinguished Speaker is going to ride through the streets in Washington or down in Texas with a three by five flag flapping on his automobile?"

Mr. Friedel said "It is a very small flag."

"Then what about this situation?" Mr. Gross asked. "How would you fly it, above or below the squirrel tail" on the radio antenna?

No one answered the question. The proposal was defeated 270-108.

NEW USAREUR G-1

Newly promoted Maj. Gen. William A. Cunningham, former Assistant Commandant of the Army Command and General Staff College, Ft. Leavenworth, Kans., under Maj. Gen. Harold K. Johnson, will go to Germany after a stop in Atlanta to visit his father, Col. William A. Cunningham, USA-Ret., who lives at the Georgia Terrace Hotel.

Copter Graduates At Wolters School

Lt. Col. James W. Hill, Acting Assistant Commandant of the Army Primary Helicopter School, has awarded diplomas to 24 Officer Rotary Wing Aviator Course graduates at Camp Wolters, Tex.

Honor graduate was WO Harry C. Turner, jr. Other graduates included First Lieutenants Richard L. Burdick, James E. Hyers, Rex E. Saindon, and Jimmy D. Weeks.

Second Lieutenants William L. Blake, jr., Harry W. Candler, jr., Robert R. DeSantis, John P. Doyle, John L. Garner, Anthony Frigeri, James S. Kessler, Richard H. Lovely, jr., Bryford G. Metoyer, John S. Shoaf, Kenneth D. Stanton, Thomas D. Temple, and William N. Zensen.

Warrant Officers Floyd E. Branchfield and Lawrence R. Burbank.

Also graduating were allied students Captains Jaime A. Farre and Jose S. Suanes of the Spanish Army, and First Lieutenants Tin Ngwe and Tin Ohn of the Burmese Air Force.

AF JAG Officers Move

Two officers of the Ogden Air Materiel Area Judge Advocate's office at Hill AFB, Utah, are slated for new duties.

Col. Joseph E. Kryszakowski, Judge Advocate since June 1959, will join the Directorate of Military Justice at USAF Headquarters.

Capt. Sidney R. Kuperberg, legal officer, has left for the USAFE Procurement Center at Weisbaden, Germany, as Staff Judge Advocate.

New Leavenworth Arrivals

Lt. Col. Tyler S. Coleman, MSC, and Lt. Col. Kimberly Brabson, Inf., have arrived for duty at Ft. Leavenworth. Colonel Coleman is the new Executive Officer at Munson Army Hospital and Colonel Brabson is an instructor in the Airborne Operations Department of the Command and General Staff College.

Colonel Coleman replaces Lt. Col. Robert I. Jetland, assigned to Tripler General Hospital, Honolulu, Hawaii. The Colemans and their son, Sidney S., 14, will live at 219 Augur at Ft. Leavenworth.

The Brabsons have two children—Ann, 16, and Kimberly, jr., 14—and are living at 40 Harbord at Leavenworth.

Army Navy Air Force Journal
8 July 1961 (Vol. 98, P. 1313)

Test Pilot Commended For Gyro System Mission

The Chief Test Pilot at Robins AFB, Ga., Maj. Peter W. Branch, has been awarded an Air Force Commendation Medal by Maj. Gen. William T. Hefley, Warner Robins Air Materiel Area Commander.

Major Branch's proposed overhaul program was a prime factor in causing the Air Force Logistics Command to choose the Warner Robins AMA as the specialized overhaul facility for the gyro systems.

To keep a promise...

Santa Ana, California: Marine Helicopter pilot killed in crash 9 days after effective date and before policy could be delivered. Immediate payment made.

Washington, D. C.: Naval enlisted man dies after only three months of protection under GPM Family Policy. \$10,000 to widow and paid-up policies on widow and three children, the youngest born two months after father's death.

Navy pilot killed in Florida crash. Claim presented on Friday was processed and ready for payment following Monday.

East Coast widow whose husband had allowed his policy to lapse prior to his death in 1956 checked with home office after receipt of 1960 annual statement and found that due to special provisions the policy was still in force. Payment was made immediately.

Promise to pay claims, of course, is an obligation of any insurance company. We at GPM like to go beyond this obligation in serving policyholders. Service in ordinary and extraordinary circumstances is the promise of the company and its agents.

GPM representatives are our friends, and yours, too.



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LOUIS R. STOCKSTILL
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8 July 1961

Change Of Command In Air Force

General Thomas D. White, who retired this week as Chief of Staff, will go down in history as the leader who firmly pointed the Air Force into space. Under his guidance, the Air Force not only has made great technical progress, but also has gained official Department of Defense recognition as the number one Service responsible for military and space activities. Truly, General White has guided the Air Force from the age of "Air Power" into the age of "Aerospace Power."

The last 13 years of General White's 41 years of active service have been in positions where he has been on the Washington scene and where he was able to contribute heavily of his talents to the advancement of the Air Force. He came to the Pentagon in 1948 as Director of Legislation, office of the Secretary of the Air Force. In 1951 he became Deputy Chief of Staff for Operations, in 1952 Vice Chief of Staff, and in 1957 Chief of Staff. Few others can equal this long period of service at the policy-making level.

President Kennedy paid a deserved tribute to General White in the citation which accompanied the award of the Oak Leaf Cluster to the Distinguished Service Medal. Citing General White's "selfless dedication, integrity, outstanding foresight and objectivity," the President said that he "discharged with great distinction the tremendous responsibility of assuring strong, effective deterrent forces in being while simultaneously integrating into the Air Force the new military systems which are the product of modern technology. As airman, strategist and military statesman, General White has contributed immeasurably to the deliberations of the United States Joint Chiefs of Staff and to the senior military councils of the Free World."

The Services' best wishes go to General and Mrs. White as they leave for a visit to Europe.

General White's successor, General Curtis E. LeMay, takes over the top post with a record of superb accomplishments which have made him a legend while yet a young man. The same high qualities of leadership which made his bombers such a force in the war in the Pacific were carried over into the cold war with the result that he built the Strategic Air Command into the free world's greatest single deterrent against aggression. A key to his success as a leader is his constant regard for the welfare of the people under him. His activity in this area has resulted in improvements in all of the Services. He promises to be a great asset to the Air Force as Chief of Staff.

LTA Should Continue In R&D

The Navy's decision to decommission the last of its lighter-than-air units brings to an end a long era in which the sea service worked diligently to make the best use of this type of vehicle for military purposes. The earlier program with rigid aircraft offered great promise, particularly in view of our virtual monopoly of helium, but it finally went down in defeat after a series of disasters.

The non-rigid program, now being discontinued, has, on the other hand, been highly successful, both from the standpoint of usefulness in war and safety in peace. Its demise appears to be in no way due to a lack of efficiency but to a shortage of funds and personnel. Furthermore, the anti-submarine and airborne-early-warning functions so well performed by the LTA units can be taken over in increasing amounts by the helicopters and fixed-wing aircraft.

The blimps themselves will be deflated and put in war reserve storage, bringing to 15 the total we will have available for emergencies. The Navy is retaining two in service through 30 June 1962 for research and development. It would appear wiser to hold them on duty indefinitely and to keep alive a continuing R & D program in this area. LTA's long range capabilities, its power to stay on station for extended periods, its speed range from zero upwards, and its capacity for carrying larger loads of weapons or electronic gear, offer possibilities for further development. Certainly, some defense agency should keep an eye on developments in this area.

USSR Isn't Holding Back On Aircraft Development

The new Russian delta-winged "Bomber," photographs of which have appeared in Soviet newspapers and which was one of several new aircraft recently flown over Moscow, should give our Defense Department chiefs some food for thought. Western observers report that the new USSR bomber appears to be in the very high performance category, and perhaps could outclass anything in our inventory. In fact, there is some speculation that one version of the Bomber may be nuclear powered.

With this evidence of continued Russian development of high performance bombers, and also fighters, it would be well for our Defense Department administrators to take a second look at their decision to virtually freeze progress in the field of manned military aircraft. The weight of expert opinion holds the view that even after missile performance and reliability is assured, there will still be need for manned military aircraft.

Latin American Students Graduate

USAF School At Albrook AFB, C. Z.

THE 33d consecutive graduation program of the USAF School for Latin America saw 257 students from 17 North, Central and South American countries win diplomas.

Col. Thomas L. Crystal, Jr., School Commandant, gave the Welcoming Remarks at graduation ceremonies and introduced Maj. Gen. Leland S. Stranathan, Commander, Caribbean Air Command, who delivered the Graduation Address.

Following General Stranathan's address and a speech by Colonel Crystal, the representatives of the various countries and distinguished guests were introduced by Maj. Eduardo Montoya, School Executive.

Outstanding Student Awards were made by Colonel Crystal to: Lt. Calixto R. Calderon, Argentina, Superior Academic Achievement; Airman Tadio Enrique Lopez Cardona, Colombia, Commandant's Award; Sergeant Jaime Alfredo Moreno Quintana, Bolivia, Most Improved English Language student; Sergeant Cesar H. Mayorga F., Peru, Outstanding Country Chief, and Airman Manuel Enrique Mora Gandraz, Peru, Superior Athletic Achievement.

Highlighting the ceremonies were the farewell speeches in Spanish by Maj. Eduardo Gomez of the Mexican Air Force and in English by M/Sgt. Luis Nieves of the Venezuelan Air Force and the singing of the "Hymn of the Americas" by the entire student body.

Participating in this 33d Graduation, which marked the completion of courses, ranging from Aircraft Mechanics to advanced Communications and Electronics, by 5,066 Latin American Students since 1943, were: Argentina's Ambassador to Panama Dr. Angela C. Romero Vera; Ecuador's Ambassador to Panama Dr. Benjamin Teran Varela; Guatemala's Ambassador to Panama Colonel Juan Francisco Oliva; Haiti's Ambassador to Panama Marcel Antoine; Honduras' Ambassador

to Panama Dr. Nestor Bermudez Meza; El Salvador's Ambassador in Panama Colonel Miguel Angel Parada; Uruguay's Consul General in Panama Dr. Rodrigo Nunez; Paraguay's Consul in Panama Camilo Febrega; Bolivia's Envoy to Panama Wenceslao Gonzalez Cortez; Chile's Charge d' Affaires in Panama Alberto Yoacham Saldias; Peru's Charge d' Affaires in Panama Dr. Jose Alvarado-Sanchez; Counselor to the Colombian Embassy in Panama Dr. Manuel S. Manota Vallarino; Counselor to Nicaraguan Embassy in Panama Dr. Oscar Danilo Barreto Teran; Mexico Military Attaché in Panama Col. Mazimiliano Del Valle Huerta; Venezuela's Military Attaché in Panama Col. Jose Antonio Mora Perez, and Third Commandant of the Panamanian National Guard Maj. Bolivar Urrutia P.

USAF distinguished guests who attended were: Brig. Gen. L. A. Hall, Deputy Assistant CofS Intelligence; Air Force Attaches Colonels Robert L. Rizon, Argentina; Robert D. Kalb, Brazil; Robert R. Johnston, Chile; Erickson S. Nichols, Colombia; Fred D. Stevers, R. Harris, Mexico; Charles V. Greffet, Peru, and Emmett E. Curran, Venezuela, and Lieutenant Colonels William J. Cavoli, Guatemala, and J. Craig Teller, Uruguay; USAF Mission Chiefs Colonels William A. Lanford, Argentina; John J. Thornhill, Bolivia; John M. Thacker, Colombia; Harvey L. Case, Chile; George B. Leaverton, Ecuador; David J. Munson, Guatemala; James C. Lemmon, Honduras; Walter R. R. Hardee, Jr., Nicaragua; Donald R. Conard, Peru; Jack C. White, El Salvador; Hal C. Conner, Uruguay, and Howard A. Chaney, Venezuela, and Lt. Col. David C. Drake, Paraguay; Mission Chief Designees Col. William G. Ivey, Bolivia; Col. Clyde J. Morganti, Ecuador, and Col. Thomas E. McCabe, Paraguay, and representing the USAF Section, Joint Brazil-United States Military Commission Col. Paul E. Greiner.

IN THE JOURNAL

False Security Hit By SecDef Marshall; Navy Yard Secrecy Denied; Guerrilla Bill Gets A Hearing

10 Years Ago—With foresight based on long and sad experience, the Secretary of Defense, General Marshall, voiced a warning this week against a let down in defense measures as a result of false security which would follow a termination of hostilities in Korea. General Marshall expressed the fear that a cease fire order would inevitably arouse a "bring the boys home" movement. "These pressures may build up until they are very hard to resist," the General declared.

50 Years Ago—The announcement printed in the daily papers that Secretary Meyer has decided to inaugurate a policy of secrecy at the navy yards is denied at the Navy Department. No such policy is maintained by other nations with regard to their navy yards, and it is not planned to inaugurate one in this country.

97 Years Ago—On Thursday, June 30th, the Senate insisted on its disagreement to the pension act, and appointed a Committee of Conference. The bill for the punishment of "guerrilla marauders" was taken up.

CADET COMMANDER IS ATOMIC VETERAN

Col. Roland M. Gleszer, 25th Infantry Division CofS, Hawaii, has been named Commander of the Second Regiment, Corps of Cadets at the U. S. Military Academy.

He succeeds Lt. Col. James E. Kelleher, assigned to Korea.

A West Point '40 graduate, Colonel Gleszer served as Assistant CofS, Joint Task Force 3, which controlled the atom bomb tests at Eniwetok. He later became Assistant CofS, Joint Task Force 132, which detonated the first hydrogen bomb device.

The new commander will reside at West Point with his wife, Helen, son Peter and daughter Susan.

"Bad Check" Bill Endorsed On Hill

STIFFER prosecution is shaping up for Service members who write bad checks. The House Armed Services Committee has approved legislation which will make it easier for the military to obtain bad-check convictions.

Maj. Gen. Albert M. Kuhfeld, Air Force Judge Advocate General, told the Committee the Services have "just too many bad checks." He said he knows of nothing "that gets the Services into quicker disrepute in a community than a rash of bad checks."

Under present law, bad-check offenses must be prosecuted under articles of the Uniform Code of Military Justice which pertain to larceny, conduct unbecoming an officer, or discreditable conduct.

General Kuhfeld said the technical difficulties involved in using these statutes against bad-check offenders has resulted either in failure to initiate charges or in abortive prosecutions. As a result, "offenders go unpunished" he said.

Under the proposed new law, offenders can be convicted only when it is clearly established that they write a bad check in an effort to defraud or deceive.

The proposal is expected to win quick passage on the House floor, but must await further action in the Senate.

Navy Secretary Connally Tells Policy For Voluntary Sea Service Retirements

(Retired Activities, Page 21)

Secretary of the Navy John B. Connally, jr., has issued a policy concerning voluntary retirement of commissioned officers and warrant officers of the Regular Navy and Marine Corps with 20 or more years' active service.

The SecNav Instructions (1811.3C) follows:

Policy. Request for voluntary retirement received from officers with 20 or more years' active service will be considered on a basis of the overall needs of the service and the merits of the individual case.

Criteria
(a) Favorable consideration will normally be given to individuals whose case is covered by one or more of the following criteria:

(1) Officers, other than flag and general officers, with 30 years' active service.

(2) Flag and general officers with 30 years' active service and with at least 5 years' service as a flag or general officer.

(3) Captains and colonels with at least 4 years' service in grade.

(4) Officers who have twice failed selection for promotion.

(5) Officers whose assignability is limited, such as those who are manifestly over age in grade, whose general health has deteriorated, or whose continued service is not, due to conditions beyond their control, clearly consistent with the interest of national security.

(6) Officers having hardship of a compassionate or unusual financial nature where

Distinguished Grads At Air University

Fifty-three graduates of Air University's Command and Staff College at Maxwell AFB, Fla., were named Distinguished Students by Maj. Gen. L. P. Dahl, CSC Commandant.

In addition, eight students were named as the class's top speakers and eight as top writers. (In the following lists, all are majors unless otherwise indicated).

Distinguished graduates are:

Adair, Robt. J., Capt	Hockaday, Spencer T
Aman, Wm. J., Jr., Capt	Hodnette, L. P., Jr.
Anderson, Chas. R., Capt	Holmes, Edgar A., Capt
Anderson, Chas. W., Jr., Capt	Houck, Donald F., LCdr
Anderson, Donald W., Capt	Hurst, William G.
Anderson, Stanley L.	Lamont, Maximilian, Capt
Balcer, Raymond L., Capt	Lindow, Kenneth R.
Balfe, John M., LCdr	Low, David S.
Banister, Arthur W.	MacDonald, Hugh A.
Beck, Edwin H., Capt	Marsh, Bernard R.
Bentley, Wilbur C., Capt	Merrill, William L.
Bishop, Arthur F., Capt	Milne, Anthony J.
Black, Eugene E., Capt	Neff, Benjamin G.
Brim, Raymond E.	Nolan, John J., Capt
Campbell, John R.	Parrish, Anthony R.
Carroll, Thomas L.	Ray, James G.
Caulfield, P. H., Capt	Russell, Kendall
Danielian, Leo	Rutledge, Peter G., Capt
Douglas, C. J., Jr.	Sauner, Richard G., Capt
Drago, Jack V., LCdr	Shattuck, Eugene J., Jr., Capt
Fernandez, Jos., Capt	Staszak, Leonard A.
Feld, David M.	Sylvester, George H.
Finlay, John S., 3d, Capt	Twombly, Donald J.
Ginn, Robt. J., Capt	Waggener, John G.
Heckel, Chas. C.	Walter, Stephen P.
Hemphill, Jon A., Capt	Wildebrandt, J. E.
Hightower, Edwin C.	

Outstanding speakers:

Jensen, Robert F.	Cottongim, John E.
Puseman, Edmund A.	MacDonald, Hugh A.
Parrish, Anthony R.	Gehle, Richard L., Capt
Ginn, Robt. J., Capt	
Sylvester, George H.	

Outstanding writers:

Anderson, Stanley L.	Milne, Anthony J.
Bannister, Arthur W.	Shattuck, E. J., Capt
Bentley, W. C., Capt	Sylvester, George H.
Gehle, R. L., Capt	Vautherot, Harry R.
Burns, Robert	Lindow, Kenneth R.
Cottongim, John E.	Marsh, Bernard R.
Danielian, Leo	Neff, Benjamin G.
Delaune, Herman L.	Smith, James P.
Douglas, Clarence, Jr.	Sylvester, George H.

In addition, eight majors were selected to participate in the USAF Speakers Program:
Burns, Robert
Cottongim, John E.
Danielian, Leo
Delaune, Herman L.
Douglas, Clarence, Jr.

retirement would definitely alleviate serious personal problems.

b. Applications for retirement from officers not falling within the above criteria will be considered solely on a basis of service need.

Submission of Requests. Any permanent or temporary officer of the Regular Navy or Marine Corps who qualifies in accordance with reference (a) or (b) is eligible to submit a request for voluntary retirement. Requests for voluntary retirement shall be addressed to the Secretary of the Navy and shall be forwarded via the chain of command and the Chief of Naval Personnel or the Commandant of the Marine Corps, as applicable. Some officers may conceive it to be in their best interests to submit a voluntary retirement request contingent in some manner on other administrative procedures, such as the action of a "continuation board." Such requests, however, only serve to confuse the issue and delay processing beyond that time normally required. Requests for voluntary retirement, therefore, should not be contingent on other administrative procedures and should be submitted at least 3 months in advance of the desired date of retirement in order to allow sufficient time for required processing.

Approval of Requests. Final approval of requests for retirement rests with the Secretary of the Navy. In approving requests for retirement under this instruction, an effective date later than that requested may often be specified, in order to provide time for orderly relief or, in some cases, completion of the current or an ordered tour of duty.

The Armed Forces Top Command

The Honorable John F. Kennedy

Commander in Chief Of The Armed Forces

Military Representative—General Maxwell D. Taylor USA-Ret.

Military Aide—Brig. Gen. Chester V. Clifton

Naval Aide—Cdr. Tazewell T. Shepard, jr.

Air Force Aide—Col. Godfrey T. McHugh

Department of Defense

Robert S. McNamara

Secretary of Defense

Deputy Secretary of Defense—Roswell L. Gilpatric

Director, Research and Engineering—Harold Brown

Service Secretaries

Army—Elvis J. Stahr, jr.

Navy—John B. Connally, jr.

Air Force—Eugene M. Zuckert

Assistant Secretaries Of Defense

Charles J. Hitch (Comptroller)

Carlisle P. Runge (Manpower)

Paul Nitze (International Security Affairs)

Thomas D. Morris (Installations and Logistics)

Arthur Sylvester (Public Affairs)

Cyrus R. Vance (General Counsel)

Joint Chiefs of Staff

General Lyman L. Lemnitzer, USA

Chairman

General George H. Decker—Chief of Staff of the Army

Admiral Areligh A. Burke—Chief of Naval Operations

General Curtis E. LeMay—Chief of Staff of the Air Force

General David M. Shoup—Commandant of the Marine Corps

Norwich Names Dean Perry As Vice Pres.

Dr. Lewis E. Perry, Dean of Norwich University, has been named Vice President by the military college's board of trustees at Northfield, Vt.

Dean Perry, a retired colonel, had been appointed Acting Vice President last month by President Ernest N. Harmon.

Except for a portion of his military service as an Intelligence officer, Dr. Perry, 61, has been engaged in teaching and the direction of teaching for 40 years, since his graduation from Bethany, W. Va. College, in 1920. After

two years as a science and athletics instructor at Manlius, Ill., High School, he became the school's principal, and then was principal at the Pitcairn, Pa., and Mt. Lebanon, Pa., high schools. He became superintendent of schools at Mt. Lebanon in 1945.

Born in Alma, N. Y., in 1899, Dr. Perry is married to the former Lillian Ash, of Anmore, W. Va. They have two children, Mrs. Thomas F. Lewin, of New York City, and William E. Perry, of Los Angeles, Calif.

Will Join USAFA Faculty

Capt. Alfred D. Norton, Weather Briefing Officer for the NORAD CInC at Ent AFB, Colo., has been selected for instructor duty in the Department of Chemistry at the USAF Academy at Colorado Springs. A USMA '51 graduate, he will enter the University of Tennessee at Knoxville in June for two years to complete requirements for a masters degree in chemistry.

New MAAG Norway Chief

RADM. Joshua W. Cooper will relieve RADM. Ira H. Nunn as Chief, MAAG, Norway, in August.

Admiral Cooper has been Commander, Pacific Fleet Training Command.

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MEMO--

COL. JULIAN J. EWELL, USMA '39, will serve as Executive Officer to General Maxwell D. Taylor, USA-Ret. Military Representative of the President. When called to the new assignment, Colonel Ewell was serving as Chief of the Long Range Analysis Group in the Office of Lt. Gen. Barksdale Hamlett, Deputy CofS for Military Operations. It is expected that General Taylor will name few officers—probably no more than 4—to aid him in his White House duties.

GENERAL TAYLOR'S APPOINTMENT has revived the "musical chairs" game that is played when a three or four star officer arrives for a Washington tour. Army and DoD housing experts are combing the list of available military housing for appropriate quarters for President Kennedy's new advisor. Some officer now occupying Government quarters likely will be asked to locate elsewhere. One report is that General Taylor may be given the house occupied by the commanding officer of Ft. McNair, Col. D. J. McGowan, USA.

NEW DIRECTOR OF INFORMATION for the Marine Corps is Col. James E. Mills. He replaces Col. Donald R. Nugent, USMC-Ret. Colonel Mills was a member of the U. S. Delegation of the NATO Standing Group, OSD, for three years prior to his new assignment. Although previously an artillery officer, he served as Assistant Director of Information at Marine Corps Headquarters in 1952.

A FORMER PRESIDENTIAL PILOT, Col. Francis W. Williams has retired as Western Transport Air Force Inspector General at Travis AFB, Calif. Special Pilot to President Harry S. Truman from January 1948 to January 1953, he has more than 14,000 hours flying time. Colonel Williams and his wife, Irene, plan to sail to Nassau where he will be employed by a navigation system company.

THE NAVY WILL OPEN a new Destroyer School at Newport, R. I., where DD officers with approximately 18 months' service will receive 24 weeks of instruction. The first class will meet about 1 January, with 50 to 60 officers assigned to each course.

PRESENT STRENGTH of Army Ready Reserve members who do not belong to Reserve Forces units is about 748,000. This includes about 10,000 mobilization designees, 330,000 who would bring Active Army units to full strength and initiate organization of additional support elements, and 408,000 earmarked for the Army Reserve and National Guard. The new Reserve Forces plan provides that 100,000 of these Ready Reservists should be called to active duty for 2 weeks' training each summer.

THE NEW EMPHASIS on the Reserve Forces will give added weight to Army arguments against cutbacks in the ROTC program. The Army says it needs 15,000 ROTC graduates each year, but got only 11,200 this year. Between now and the end of the year, Secretary of Defense McNamara can be expected to step in and hammer out a single DoD ROTC position. This will be a tough task, for the Services have been at sharp odds on ROTC policies for a number of years.

THE DEFENSE DEPARTMENT says there are no plans to hold a "Secretaries Conference" at Quantico, Va., 14-17 September, as reported in last week's issue of the Journal. The Pentagon issued a statement which said: "Secretary McNamara is considering the possibility of having a conference perhaps in the Fall of a much smaller number of people, including the Commanders of the Unified and Specified Commands, but no site or date has been selected."

SHORT OF CAREER LAWYERS, the Army has devised a plan whereby Regular officers and ROTC Distinguished Military Graduates may be permitted to enter on excess leave—without pay and allowances—with detail to the JAGC in order to obtain a law degree and admission to the bar. Eligible officers must not be serving above the grade of captain and have not more than 7 years actual or constructive commissioned service as of the beginning of the academic year for which application is made. Details are told in AR 601-114.

ALL THE SERVICES FEAR that the quality of military legal activities will suffer during the next several years as scores of officers complete 20 years of service and retire. The retention of young lawyers for career service has been far below requirements. The American Bar Association argues that the situation would be eased if military lawyers were given special incentive pay, as is the case for physicians and dentists. This proposal has strong opposition in and out of the Services.

THE DEATH OF ERNEST HEMINGWAY recalls his wartime service as a combat correspondent with the 22d Regiment of the 4th Infantry Division, under then Col. (now Major General, retired) C. T. "Buck" Lanham. This experience is reflected in the novel "Across The River And Into The Trees." General Lanham, who has been a close friend of Hemingway for many years and who was a participant in some of the famed birthday celebrations arranged by the author, was General of the Army Eisenhower's Information Officer at SHAPE and CG of the 1st Infantry Division prior to retirement.

THE SPEAKERS BUREAU at the Air University, Maxwell AFB, Ala., reports a 250% increase in activities, compared with last year. During the first 3 months of this year, the Bureau supplied 299 speakers who spoke to a combined audience of 49,057 in 25 states.

YOUNGER OFFICERS will command Army combat elements as a result of the forthcoming Division reorganization. In the Pentomic structure, the 5 battle groups are led by colonels. The new divisions will have battalions, led by lieutenant colonels. Army officials have told Congress that the average age of colonels and above is about 48.

THE FIRST MINUTEMAN WING commander will be Col. Burton C. Andrus, jr., who has been 96th Bomb Wing Commander at Dyess AFB, Tex., where he will be succeeded by Col. William L. McDowell, jr., former 819th Air Division Director of Operations. Colonel Andrus, USMA '41, will lead the 341st Strategic Missile Wing at Malstrom AFB, Mont.

THE MARINE CORPS buildup from 175,000 to 196,000 men will permit additional officer promotions. The original Marine manning plan for this fiscal year called for 27 major generals and above, 32 brigadier generals, 595 colonels, 1411 lieutenant colonels, 2335 majors, 3496 captains, 5026 first lieutenants, 1878 second lieutenants.

NEW RETIRED PAY COMPUTATIONS at the Pentagon forecast that total expenditures will rise from \$835 million in this fiscal year to \$3.4 billion by 1983. Currently, there are about 302,000 persons drawing military retired pay; this will rise during the next 20 years to an estimated 1,163,500.

THE ARMY'S GRUMMAN MOHAWK has completed a 1000 hour test at the Ft. Rucker, Ala., Aviation Center and has been declared "fully capable of performing its missions as a high performance tactical observation airplane." The Army Transportation Aircraft Test and Support Activity—TATSA—under Lt. Col. A. J. McDermott, jr., with Capt. John K. Selfe as Mohawk Project Officer, has been in charge of the evaluation.

GENERAL CURTIS E. LEMAY WAS TREATED to a 25c cigar when he paid his first courtesy call on Chairman Carl Vinson (D-Ga.) of the House Armed Services Committee. Both the Chairman and the new Air Force CofS are inveterate cigar-smokers, but Vinson normally smokes 10-centers. He dispatched an office aide to obtain the more expensive cigar out of deference to the General.

RADM. CHESTER W. NIMITZ, JR., USN-RET, has been elected Vice President of the Perkin-Elmer Corporation and General Manager of its Instrument Division at Norwalk, Conn. A USNA '36 graduate, he joined Texas Instruments in 1957. (For other retired activities, turn to page 21.)

CAREFUL WORDING in the House Appropriations Committee report on the fiscal '62 military budget disclosed no details about a \$2.8 million cut in AF production funds except to say the action was made possible by "a recent agreement with the Canadian Government concerning certain aircraft and facilities." Under the terms of the agreement—certain to evoke complaints from U. S. aircraft firms—the Canadians will man the Pinetree early warning line in Canada, for which the U. S., in turn, will purchase, through the mutual security program, an undisclosed number of Canadian manufactured aircraft.

THE NEW EMPHASIS on the brigade organization in the Army in place of the Pentomic battle group is reflected in a decision to modify 2 strategic mobility exercises to overseas areas. It had been planned to deploy battle groups in Exercise Green Bank and Green Shelf. The new program calls for deployment of STRAC brigade task forces.

WHITE HOUSE DEPUTY Special Assistant Walt W. Rostow, a WWII major in the OCS and former M.I.T. Professor, was the guest speaker at graduation ceremonies last week for 79 officers from the U. S. and 20 other nations completing a six-week counter-guerrilla course at the Army Special Warfare School, Ft. Bragg, N. C. Dr. Rostow is credited with a major behind-the-scenes role in current programs to strengthen Special Forces. The Bragg graduating class included students from Viet Nam (11), Bolivia (7), Iran and Ecuador (6), and Argentina, Cambodia, Costa Rica, Denmark, Germany, Guatemala, Italy, Jordan, Korea, Mexico, Nicaragua, Norway, Philippines, Thailand, Turkey, and Venezuela.

CONGRESSIONAL TESTIMONY REVEALS that the Army was paying \$1.25 for aircraft mooring anchors that the Air Force was purchasing for \$2.4. The Army put out competitive bids, and now is buying the item for \$.165.

THE OVERSEAS EDUCATION ASSOCIATION, which represents almost 4,000 teachers and administrators, is seeking an "independent, impartial educational survey" of schools operated for dependents by the Armed Forces. One allegation is that there is a lack of coordination among the Services in the administration of these schools.

ARMY-AF PX SALES, which hit a peacetime high of \$922.6 million during fiscal '61, likely will show a decline in the next year because of curtailed inventories overseas to conserve gold dollars. The Army-Air Force Exchange Service turned over \$55.3 million for morale and welfare activities from PX profits. The system operates at a net profit of 6.3% of sales.

A MAJOR INNOVATION in PX service will see the introduction this month of a program to set standard prices and uniform portions for 13 basic food items in U. S. cafeterias and snack bars. This will cover coffee, hamburgers, cheeseburgers, hot dogs, ham sandwiches, cheese sandwiches, milk, ice cream, milk shakes, pie, ham and cheese sandwiches, donuts and a plate of 2 eggs and toast. These items account for about 55% of the \$52.5 annual food sales volume in CONUS.

Top Air University Commanders Named

Appointments to command positions in two Air University resident schools at Maxwell AFB, Ala., are announced by Lt. Gen. Walter E. Todd, AU Commander.

Maj. Gen. Leo P. Dahl will be War College commandant, and Brig. Gen. Jack N. Donohew will be Command and Staff College Commandant. The reassignments are effective 1 August.

General Dahl, USMA '32, has been serving in the dual capacity of Commandant of AU's War College and Command and Staff College since December 1960.

General Donohew, USMA '37, has been Director of the JCS Joint Programs Office.

AU's War College is the highest Air Force professional school and offers a 10-month course to classes of some 170 officers of the Air Force, Army, Navy, Marines, Royal Air Force, and Royal Canadian Air Force, plus certain eligible civilian government officials. WC prepares senior officers for high command and staff duty.

Command and Staff College is the institution in AU's educational system that aims at increasing the professional qualifications of selected USAF majors and captains, improving their abilities to perform command and staff tasks. CSC offers a nine-month course to a student body of approximately 600.

MISSILE COMMAND

COL. Bernard S. Waterman, Deputy Commander and CofS, 7th Logistical Command, Korea, will be assigned as Commanding Officer of the 2d Army Missile Command, Ft. Carson, Colo., after attending a course at the Artillery Center, Ft. Sill, Okla.

Colonel Waterman, USMA '35, was designated last month as an Army Logistical. His wife Harriet lives at 9 Eastland Terrace, Haverhill, Mass.

Bancroft Hall Gets New Wings

Two new wings with 55 rooms have been added to Bancroft Hall at the U. S. Naval Academy.

The history of Bancroft Hall began in 1898 when construction of the original wings, three and four, was started. Wings five and six were added in 1920, followed by wings one and two in 1941. For the last few years the six wing structure has been accommodating more than 3,700 men in facilities designed for 2,500.

Bancroft Hall, named in honor of the Secretary of the Navy George Bancroft, who founded the Naval Academy, is designed after the French Marine Academy at Toulon.

Buffalo District Engineer

Lt. Col. Leon J. Hamerly will be assigned as Army District Engineer at Buffalo, N. Y., next month. He will succeed Col. Earle B. Butler, who is being assigned to the Military Construction Supply Agency, Columbus, Ohio.

It had been announced that the new District Engineer at Buffalo in August would be Lt. Col. Robert W. Dalrymple. However, Colonel Dalrymple's orders have been changed to permit him to attend the Army War College.

Colonel Hamerly, USMA '42, is a staff officer at Continental Army Command, Ft. Monroe, Va.

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USNA '49 Grad Cited In AF For Missile Duty

Capt. Robert L. White, USNA '49, of the AFSC Ballistic Systems Division, Inglewood, Calif., has been awarded the Air Force Commendation Medal by Maj. Gen. T. P. Gerrity, Commander, for duty as Project Officer in the Inertial Guidance System for the Martin Titan ICBM.

He was graduated from Columbia University with an MS in Industrial Engineering in 1956. Captain and Mrs. White, the former Marilyn Otth of St. Petersburg, Fla., and their children, Deborah and Craig live at 13327 S. Wilton Pl., Gardena, Calif.

8 July 1961 (Vol. 98, P. 1317)

Army Navy Air Force Journal 13

Col. Johnston Heads Signal Corps R&D; Succeeds Korea-Bound B/G Monahan

Col. J. Wilson Johnston has been named Chief of the Signal Corps R&D Development Division, replacing Brig. Gen. John C. Monahan, assigned to Korea.

A graduate of the University of Oregon, Colonel Johnston held Intelligence assignments during WWII, one as Administrative Officer of the Army's Signal Security Agency. From 1946 to 1949 he served with the Army Security Agency in Tokyo.

He has also served on the Staff and

Faculty of the Command and General Staff College, Ft. Leavenworth, Kans., and as Chief of the SHAPE Plans and Training Branch, Signal Division.

Colonel Johnston, who served as Deputy Chief of the R&D Division for almost three years, is married to the former Marian S. Derby. They have a son, Joseph Wilson, and a daughter, Prudence Cathryn. The Johnstons reside at 3433 North Venice Street, Arlington, Va.

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Charles E. Cheever
Colonel, USA—Ret.
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Cost	Purchase Date	New/Used	Current Car License Year State		Name in which car legally registered		
<p>Is the automobile required by or customarily used in the occupational duties of any person except in going to and from the principal place of occupation? _____</p> <p>Is the automobile customarily used in driving to or from work? _____</p> <p>If the automobile is customarily used in driving to or from work, how many road miles is the car driven one way? _____</p> <p>Name _____ Rank _____ Serial No. _____</p> <p>Military Address _____</p> <p>If car not at above address, give location of car _____</p> <p>How many male operators (including applicant) are under age of 25? _____</p> <p>Age of each: _____ Relationship _____</p> <p>Are any of the male operators under 25 owners, or principal operators, of the automobile? _____</p> <p>Are all male operators under 25 married? _____</p> <p>Is your automobile equipped with an air conditioner? _____</p> <p><input type="checkbox"/> Active-Regular <input type="checkbox"/> Retired-Regular <input type="checkbox"/> Retired-Reserve† <input type="checkbox"/> Extended active duty <input type="checkbox"/> Inactive, but retaining commission† <input type="checkbox"/> Widow of eligible officer † Membership must have been established while on extended active duty.</p>							

Army Orders Infantry Lt. Cols. To Korea And Germany

From page 2—

To Korea

Moore, George H., Ft Rucker.
Bristol, Franklin F., Ft Ord.
Scanlon, William E., Chicago.
Hardisty, Dale A., Ft Lawton.

To Germany

Kerker, Edward L., Ft Lewis.
O'Malley, William P., Madison, Wis.
Sherrod, Lilbourne W., Stephenville, Tex.
Smith, Ed W., Ft Benning.

Major

Action, Civille L., Logan, Utah, to USA Elm JUSMMAT, Ankara, Turkey.
Cavazos, Richard E., Ft Leavenworth, to Stu Det USAACGSC, Ft Leavenworth, w/sta British Staff College, Camberley, England.

War College Deputy

Maj. Gen. Francis T. Pachler, CG, 7th Infantry Division, Korea, will be reassigned to the National War College, Ft. McNair, Washington, D. C., as Deputy Commandant in August.

Maj. Gen. Frederick W. Gibb, whose last assignment was CG, 2d Infantry Division, Ft. Benning, Ga., was retired 14 June with 70% disability.

Brig. Gen. Frederick J. Kendall, CG, Army Finance Center, Ft. Benjamin Harrison, Ind., will retire 31 July.

Vaughn, John H., Ft Dix, to USA Elm JUSMAG Thailand, Bangkok.
Iida, Harry S., Ft Ord, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

To USA Elm MAAG, Vietnam, Saigon

Miller, Willie E., Opelika, Ala.

To Korea

Pratt, James M., Ft Lewis.
St Amour, Frederick P., Ft Riley.
Gifford, Byron G., Ft Knox.

To Germany

Clark, Charles C., jr, Portsmouth, N. H.

From Ft Benning:

Bellnap, Arthur L. Wolfinger, Clarence E Taylor, Charles E

Captain

Dukes, William C., Ft Benning, to First USA Stu Det, Governors Is, w/sta Columbia Univ, New York, NY.

Fuchs, Edmund L., Ft Benning, to USA Elm MAAG, Pakistan, Rawalpindi.

Scheets, George M., Ft Benning, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey.

Liday, Robert A., Ft Ord, to USA Elm JUSMAG, Thailand, Bangkok.

To Korea

Keller, John W., Ft Bragg.
Marshall, Milford L., Ft Lewis.

To Germany

Zysk, John W., Spokane, Wash.
Stevens, Lawrence A., Norristown, Pa.
Tharp, Bobby E., Ft Leavenworth.

1st Lieutenant

Kincannon, Holden V., Ft Bragg, to Off Stu Co USAAVNS, Ft Rucker.
Stansell, Ernest L., Jr, Ft Benning, to 90th Trans Co, Ft Knox.

Gay, Homer G., Ft Devens, to France.
Jarrett, George H., Ft Ord, to The Sch Bde USAIS, Ft Benning.

Kottich, Charles B., Ft Myer, to The Sch Bde USAIS, Ft Benning.

Walker, James M., Ft Bragg, to USA Trans TC, Ft Eustis, Va.

Brooks, Richard L., Ft Dix, to USARAL Repl Det, Ft Richardson.

Pryde, Douglas M., Cp Walter, to Germany.

To Korea

Fogarty, Daniel C., Ft Devens.

Williams, Russell L., Ft Ord.

Johnson, Powell A., Jr, Ft Hood.

Ivazian, Sebgay G., Ft Ord.

Martinkus, Leo A., Ft Jackson.

L/C Steinbring At Ft. Sam

Lt. Col. Milton E. Steinbring, USMA '43, who resides at 135 Louisiana, New Braunfels, Tex., has assumed duties as Chief, Engineer Planning and Real Estate Division, Fourth Army, Ft. Sam Houston, Tex.

He received his Master's Degree in civil engineering from Harvard in '48. He had been Assistant Army Attache to Austria.

Col. Steinbring and his wife, Elizabeth, have four children, Joyce, 16, Marc, 13, Glenn, 10, and Lisa 4.

2d Lieutenant

Winchester, Wayne, Ft Gordon, to 2d Inf Div, Ft Benning.
Glerbolini-Borelli, Fernando, Ft Ord, to Off Stu Co, USAAVNS, Ft Rucker.
Griffin, John R., Jr, Ft Rucker, to USA ADGRU Korea, Yongsan.

ARMOR—

Captain

To Korea

Barger, Ralph L., Toledo, O., to Korea.
Moynihan, Donald F., Ft Riley.

2d Lieutenant

Allen, John H., Ft Knox, to Korea.

ARTILLERY—

Colonel

Pitney, Max L., Ft Carson, to USARMIS to Paraguay, Asuncion.
Stevens, Pat M., 3d, Ft Monmouth, to Hq USA Ryukyu Islands, Okinawa.
Brown, Hugh G., Monterey, Calif, to USA Trans Det, Wash, DC, w/sta Heidelberg, Germany.

1st Colonel

Pittman, Walter C., Ft Sill, to USA Elm JUSMMAT, Ankara, Turkey.
Milmore, Charles W., Ft Bliss, to USA Elm MAAG, Vietnam, Saigon.
Fischer, Frank O., Monterey, Calif, to USA Elm USMTMSA, Riyadh, Saudi Arabia.

Major

Wren, John J., Wash, DC, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

Robinson, Norman A., Monterey, Calif, to USARMIS to Bolivia, La Paz, w/sta Cochamba.
Clark, William J., Wash, DC, to Hq USA Ryukyu Island, Okinawa.

Rymill, Robert J., Storrs, Conn, to Germany.

Romano, Frank J., Ft Bliss to Korea.

Two Get Corps Command

Maj. Gen. Frank H. Britton, CG, 1st Cavalry Division, Eighth Army, Korea, will become CG, XIV Corps, Minneapolis, in September.

Maj. Gen. Martin H. Morin, Chief, JUSMMAT, Ankara, Turkey, will become CG, XXI Army Corps, Indiantown Gap, Pa., in September.

Captain

Geiger, Peter H., Monterey, Calif; to USAADCEN, Ft Bliss.
Harris, James W., Dillsbo, Ind; to Stu Det USAAMS, Ft Sill.

To Korea

Everett, William M., Pedricktown, N. J.
Swenson, Gordon C., Ft Bliss.

1st Lieutenant

To Stu Det USAAMS, Ft Sill

McVeigh, Andrew J., 3d, Ft Campbell.
Meyer, Raleigh R., Ft Rucker.

To Germany

Fuller, H D Clayton, Ft Bragg.
Holman, Homer P., Ft Lewis.
Dandley, Noel C., Ft Lewis.

2d Lieutenant

Kingston, John, Jr, Ft Sill, to Korea.
Lovely, Richard H., Jr, Ft Sill, to Germany.

To Stu Off Co, USAAVNS, Ft Rucker

Corley, Theaman N., Ft Hood.
William, James E., Jr, Ft Sill.

CORPS OF ENGINEERS—

Lt Gen Walter K Wilson, C of E

Colonel

Oswalt, John R., Jr, Los Angeles, to USA PersCen, Schofield Bks, Hawaii.
Mitchim, Charles F., Ft Hood, to Ofc USA Engr Insp Gen, Ft Belvoir, w/sta Los Angeles Fld Ofc Engr Insp Gen, Los Angeles.

Parfitt, Harold R., St Louis, Mo, to Stu Det USAWC, Carlisle Bks, w/sta Canadian National Defense College, Kingston, Canada.

1st Colonel

Freer, Arthur L., Ft Devens, to USA Engr Div North Atlantic, New York, NY.
Smith, George A., Wash, DC, to Hq USA Ryukyu Islands, Okinawa.

Hubbard, Frank R., New York, NY, to Hq First USA, Governors Is, NY.
Fuller, Wesley E., Atlanta, Ga, to Germany.
Sanderson, Walter L., West Point, to Germany.

Major

Shaner, Elmer E., Bismarck, NDak, to Germany.
Johnson, Harry W., Boston, to USA Engr

Dist, Honolulu Pac Ocean Div, Ft Armstrong, Hawaii.

Myers, William L., Ft Leonard Wood, to Hq USA Ryukyu Islands, Okinawa.
Sells, George J., Ft Meade, to Hq USA Ryukyu Islands, Okinawa.

To USA ADGRU Korea, Yongsan

Hall, Merle W., Ft Lawton.
King, William T., Jr, Arlington, Va.
Self, Coye R., Edgefield, SC.

Captain

Collins, Thomas J., Jr, Cheyenne, Wyo, to Det USA ROTC Gp, Pa, Pennsylvania State Univ, State College.

Needham, William R., Ft Belvoir, to Engr Div, Southwestern, Dallas, w/sta Tulsa, Okla.

Barbato, Angelo J., Campbell, to USA Gar, Ft Monmouth.

Cleary, Arthur C., Schilling AFB, Kans, to Stu Det USAES, Ft Belvoir.

Fowler, Paul L., Manchester, Conn, to Dy Sta Ft Devens.

Watts, Jack J., Ft Jackson, to France.
Workman, Xenon R., Los Angeles, to Korea.

To USA ADGRU Korea, Yongsan

Budd, Louis H., Ft Campbell.

Sherman, James A., Providence, RI.

From Ft Belvoir:

Bennett, George C, jr Burnett, James E

Brown, David

To USAREUR

Goetz, Jerald L., Albuquerque, N Mex.
Mowery, Jack E., Boston.

To Germany

Christy, Robert J., Schenectady, NY.

Falkenbury, Stephen D, Jr, Ft Belvoir.

Hamby, Robert D., Eureka Calif.

Holloway, Henry G., Cleveland, Ohio.

Meyer, George H., Ft Rucker.

Puhr, James R., Everett, Wash.

Charles, Carlyle H., Milwaukee, Wis.

Lundquist, Richard V., Brainerd, Minn.

Wall, Robert H., Ft Sam Houston.

1st Lieutenant

Paradise, James, Jr, Urbana, Ill, to 18th

Engr Bde, Ft Leonard Wood.

Mattes, Richard W., Ames, Iowa, to Stu

Det USAES, Ft Belvoir.

Tilmon, James A., sr, Cp Wolters, to Germany.

To Germany

Broocke, Nathan L., Ft Campbell.

Hradecky, Vaclav, Ft Bragg.

Wynd, William R., Ft Lewis.

2d Lieutenant

Manning, James R., Ft Belvoir, to 510th

Engr Det, Presidio of SF.

Miles, Paul L., Ft Benning, to Stu Det Hq

MDW, Wash, DC, w/sta Oxford Univ,

England.

Lowry, Richard S., Jr, Ft Hood, to Korea.

To Off Stu Co, USAAVNS, Ft Rucker

From Ft Belvoir:

Edison, Jerry D Meadows, Roger D

Kasper, Duane C

SIGNAL CORPS—

Maj Gen Ralph T Nelson, C Sig O

Major

Patterson, Robert F., Ft Monroe, to USA

Sig TC, Ft Monmouth.

Rossetti, Christopher J., Decatur, Ill, to

USA SIG Dep Maint Shop, Ft Worth,

w/sta Sig Avionic & Calbr Div, USASCMS,

Corpus Christi, Tex.

Army Designates Logistics Officers

Sixteen senior officers of the U. S. Army Europe Communications Zone in Orleans, France, have been designated as Logistics Officer, U. S. Army, by the Office of the Deputy CofS for Logistics.

Communications Zone officers awarded the certificate of Logistics Officer are: Cols. Arthur J. Fallen, CofS; Joseph P. Ahern, CO, Signal Control Center; Roland B. Anderson, G-4; James E. Baker, Director of Procurement; Vancel R. Beck, Deputy Transportation Officer; Arnold A. Berglund, CO, Port Area Command; William H. Connerat, Deputy Ordnance Officer; Roy E. Goode, CO, Army Detachment, Frankfurt Air Passenger Center; Richard K. Hutson, Port Commander, Bremerhaven POE; Irvin L. Luthi, Comptroller; Donald A. Phelan, CO, Seine Area Command; Benjamin L. Pickett, Engineer; Thomas B. Roelofs, G-3; Arthur W. Ries, CO, USA Transportation Depot, and David M. Scott, Jr, Chief, Supply Division, G-4, and Lt. Col. Hortense Boutell, Chief, Logistics Analysis Division, G-4.

NEW ZEUS COURSE

A new seven-week course in the Army's Nike Zeus special training program, designed to familiarize personnel with the Army Corps of Engineer equipment in the anti-missile missile system, has been started at White Sands Missile Range, N. M.

The course covers power generation systems, refrigeration and air conditioning systems, motors, motor control centers, hydraulic systems and pumps.

Weeks, Frank D., Lexington, Ky; to USA Elm MAAG, Vietnam, Saigon.

Captain

Scott, Charles H., Ft Benning, to Hq Stu Det Second USA, Ft Meade w/sta USMC Sch, Quantico, Va.

Lord, Austin R., Ft Huachuca, to USA Elm ALFSE, Ismir, Turkey.

Petrash, Edward B., Ft Hood, to 51st Ord

Co, Thule, Greenland.

Melvin, Francis B., Wash, DC, to Dy Sta

Annapolis, Md.

To USA Elm MAAG, Vietnam, Saigon

Smith, Herbert J., Jamaica, NY.

Hoagland, Dale N., Ft Bragg.

Stewart, Bernard L., Ft Dix.

Ward, Virgil L., Ft Huachuca.

To Korea

Latham, Lyman A., Ft Huachuca.

McFarlane, Burr C., Lockport, NY.

Gray, Maris P., White Sands MR, N Mex.

To Germany

Dobbins, Joseph G., Ft Sam Houston.

Bellassal, Anthony, Arlington, Va.

1st Lieutenant

Barrett, Thomas E., Redstone Arsenal, Ala.

to USASETAF.

Trahan, Frank W., Wash, DC, to 7th Sig

Bn, SHAPE, Louveciennes, France.

Sowell, Arnold M., Ft Sam Houston, to

Combat Comd "A," Ft Hood.

Bullotta, Anthony L., West Point, to Germany.

Poor, Thomas D., Tuscaloosa, Ala, to Korea.

Maffett, Fletcher H., Ft Huachuca, to Off

Stu Det USAAVNS, Ft Rucker.

To USMC Sch, Quantico, Va

Rosie, Gerald J., Ft Myer.

Schober, Frank J., Jr, Ft Dix.

2d Lieutenant

Munson, Russell W., Jr, Ft Monmouth, to

USACGSC, Ft Leavenworth.

Luey, Robert A., Ft Gordon, to France.

Malone, Robert B., Ft Meade, to Off Stu

Det, USAAVNS, Ft Rucker.

Kunkel, Nolan R., Ft Monmouth, to 178th

Sig Co, Ft Sam Houston.

Rosenthal, Robert M., Ft Leavenworth, to

Army Pictorial Cen, Long Island, NY.

To Germany

Furlong, Edward G., Ft Gordon.

ADJUTANT GENERAL'S CORPS—

Maj Gen Robert V Lee, TAG

Major

Varney, Roderic A., Wash, DC, to Korea.

1st Lieutenant

Biskup, Robert L., Ft Benning, to Hq USA

Ryukyu Islands Okinawa.

Michal, Charles J, Jr, Ft McPherson, to USA

Gar, Ft Amador CZ.

JUDGE ADVOCATE GENERAL'S CORPS—

Maj Gen Charles L Decker, TJAG

Major

Folawn, John S., Ft Mason, Calif, to Korea.

QUARTERMASTER CORPS—

Maj Gen Webster Anderson, QMG

Colonel

Curtis, Lawrence R., Wash, DC, to Columbus

Gen Depot USA, Columbus, O.

Gidens, Floyd E., Columbus, O, to Hq Second

USA, Ft Meade.

Woerner, Leo G., Ft Meade, to US CONARC,

Ft Monroe.

Motes, Preston M., Ft Monroe, to New Cum-

berland Gen Depot USA, New Cumberland,

Pa.

Major

Butler, Millard J., Ft Lee, to Stu Det

USACGSC, Ft Leavenworth.

Captain

Holley,

Medical, Ordnance, Chaplain, And Transportation Officers Assigned New Stations

MEDICAL CORPS—

Lt Gen Leonard D Heaton, SG
Captain

Gallo, Henry D, Wash, DC, to Davison USA
Airfield, Ft Belvoir.
Hark, William H, Ft Belvoir, to USA Med
Fld Actv U, Wash, DC.

Dental Corps—

Maj Gen Joseph L Bernier, Chief
Colonel

Kvam, Conrad T, San Francisco, to Hq
MDW USA, Wash, DC.

Medical Service Corps—

Col Roy D Maxwell, Chief
Major

Cennamo, Sebastian, Ft Sam Houston, to
France.
Brubaker, Luther G H, Ft Ord, to USARAL
Repl Det, Ft Richardson.
Knowles, William R, Ft Ord, to OTSG USA,
Wash, DC.
Sauls, Wayne R, Ft Sam Houston, to
ADGRU Korea, Yongsan.

Captain

Donner, William C, Ft Bragg, to Korea.
Hamer, Herbert H, Ft Sam Houston, to
USA ADGRU Korea, Yongsan.
Ritchie, Ralph D, Ft Sam Houston, to
Germany.

2d Lieutenant

Backer, Marvin H, Wash, DC, to Stu Det
Hq Third USA, Ft McPherson, w/sta Dept
of Psychology, Univ of NC, Chapel Hill,
NC.
Dresser, John W, San Francisco, to Stu Det
Hq Fourth USA, Ft Sam Houston, w/sta
Dept of Psychology, Grad Sch Louisiana
State Univ, Baton Rouge.
Marshall, John E, Philadelphia, to Stu Det
WRAMC, Wash, DC.

To Korea

Fleming, Robert G, Ft Ord.
Gantenbein, Robert L, Jr, Ft Leonard Wood.
Ledbetter, Donald L, Ft Lee.

Army Medical Specialist Corps—

Col Ruth A Robinson, Chief
Major

Barr, Virginia, Denver, to Brooke GH,
BAMC, Ft Sam Houston.

Captain

Barr, Virginia, Denver, to Brooke GH, Ft
Sam Houston.
Barnes, Joan A, Wash, DC, to Valley Forge
GH, Phoenixville, Pa.
Graziano, Joan, Ft Campbell, to Fitzsimons
GH, Denver.

1st Lieutenant

Clemenson, Shirley A, San Francisco, to
Ireland AH, Ft Knox.

Army Nurse Corps—

Col Margaret Harper, Chief
Captain

Kerr, Barbara J, Ft Sam Houston, to USA,
Rct Main Sta, Seattle.

ORDNANCE CORPS—

Lt Gen John H Hinrichs, C of Ord

Lt Colonel

Larson, Louis A, Detroit, Mich, to USA Ord
Depot Mt Rainier, Tacoma, Wash.

Captain

Rupert, Robert P, Ft Bragg, to USA ADGRU
Korea, Yongsan.
Thomas, Charles M, Sandia Base, N Mex, to
USA Elm JUSMAG, Thailand, Bangkok.

To USA Ord Tng Comd, Aberdeen Pr Gr, Md
From Ft Churchill, Canada:

Crabtree, Sidney J Wiggs, Jimmy D

1st Lieutenant

Knowles, Bernard A, Edgemont, Pa, to USA
Ord Tk Autmv Comd, Detroit, Mich.
Krumlauf, Harry E, Jr, Ft Williams, to 59th
EOD Det, Ft Campbell.
Vincent, Jerome S, Ft Churchill, Canada, to
USA Ord GM Sch, Redstone Arsenal, Ala.
Morgan, Burford F, White Sands MR, N
Mex, to Dy Sta Naval Ord Test Sta, China
Lake, Calif.

2d Lieutenant

Sholders, Bobby E, Redstone Arsenal, Ala,
to Pac Dist USA Audit Agcy, Zama, Japan.
Carr, Paul H, Aberdeen Pr Gr, to USA
ROTC Instr Gp Mass, Mass Inst of Tech-
nology, Cambridge, Mass.

George Rhodes Leads Military Wine Tasters

George Rhodes, military affairs writer for *The San Francisco News-Call Bulletin*, has been reelected National President of the Order of Military Wine Tasters.

He was named at a wine tasting and gourmet dinner at the Presidio of San Francisco, where steps were taken to organize a local OMWT chapter.

Elected Vice President was P. D. Eldred, San Francisco *Associated Press* editor and writer and retired Army officer.

Philip Haring, Information Officer for an Air Reserve Recovery group at Ft. Miles, Calif. was elected Secretary. Air Force Maj. John Beck and retired Navy Cdr. Harrison Holton, both of San Francisco, were placed on the board of governors.

The order of Military Wine Tasters has three chapters in the San Francisco bay area, one at the Presidio of Monterey, Calif., at Ft. Gordon, Ga., and at Ft. Dix, N. J.

Mr. Rhodes announced issuance of a charter to the "Wineland" chapter, composed of Air Force recruiters stationed in Northern California and headed by Capt. Paul B. Parker.

CHEMICAL CORPS—

Maj Gen Marshall Stubbs, C Cml O
Major

Connolly, Thomas W, West Point, to Korea.

Captain

Cummins, Lindell L, Dugway, Utah, to Hq
USA Arty & Msl Cn, Ft Sill.

From Ft McClellan, to Station Indicated
Bauer, Philip O, Hq Fourth USA, Ft Sam
Houston Mojecki, John A, USAINTC, Ft
Holabird.

1st Lieutenant

Brallsford, Marvin D, Ft Meade, to USA Cml
C Sch Spt Bn, Ft McClellan.
Curtis, Clarence E, 3d, Army Cml Ce Md,
to Korea.

Law, Johnny R, Ft Bragg, to Germany.

To Stu Det USA Hq Second USA, Ft Meade,
w/sta Ohio State University, Columbus
Blasco, Andrew P, Ft Carson.

Hooker, William M, Ft McClellan.
Weary, Sharon E, Ft Benning.

CHAPLAINS CORPS—

Maj Gen Frank A Tobey, C of C
Captain

Smith, Clyde E, Ft Knox, to 4th USASA
Fld Sta, Asmara, Eritrea.
Dibenedetto, Austin N, Milwaukee, Wis, to
Germany.

TRANSPORTATION CORPS—

Maj Gen Frank S Besson, Jr, C of T
Colonel

Ledy, Carl S, Wash, DC, to USA Trans
Term Unit Hampton Roads, Norfolk, Va.

Lt Colonel

Bisset, David, Jr, St Louis, to Dy Sta AF
Coord Ofc, Wright-Patterson AFB, O.
Hakala, Wendell E, Ft Eustis, to ODCSLOG

USA, Wash, DC.
Michaelis, Leon A, Wash, DC, to USATTC,
Ft Eustis.

To Korea

Wade, William D, Ft Monroe.
Swartzman, Jack, Wash, DC.

To Germany

Shepherd, Robert G, Ft Rucker.

—Continued on next page

BERLIN TO TEXAS

New Deputy Commander of the
Fourth Army at Ft. Sam Houston,
Tex., is Maj. Gen. Ralph M. Os-
borne, 58, USMA '26. For the past
16 months, he was in command of
the U. S. forces in Berlin.

SCHOOL AND CAMP DIRECTORY

The Schools and Camps listed below are effectively equipped to care for the educational and recreational needs of the children of members of the services and this Directory is recognized as an authentic and reliable aid to service parents in solving the problem of child education. For details as to the Schools listed in this Directory address them directly or communicate with the Army Navy Air Force Journal Dept. of Education, 1710 Conn. Ave., N. W., Washington 9, D. C.

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High Powered Communications Units Are Delivered To The Army

Three new long-range, high-powered, emergency communications systems, designed for mobile use in isolated areas, have been delivered to the Army Signal Corps.

The three systems, which can be moved by existing aircraft, have ranges of 2500, 5000 and 7000 miles, respectively. Any one of the systems can be installed in less than four hours as opposed to the months required for the installation of fixed stations with the same power.

Immediate voice or teletype messages can be transmitted over the systems on a world-wide basis, making them particularly valuable for the Strategic Army Corps. The systems are capable of bypassing fixed Army communications system stations which may be inoperative and communicating directly with the Pentagon. They can also tie in with bases placed in isolated areas or areas where normal communications have been dis-

rupted, such as occurred in the Chilean earthquake.

A unit designated as the AN/TSC-18 is considered the world's most powerful transportable communications equipment. Its 7000-mile-range provides simultaneous transmission and reception on three telephone and 16 teletype channels. Three units were ordered by the Army at a cost of \$403,000 each. These units can be airlifted in three C-124 aircraft.

The second system, the AN/TSC-19, can operate on three telephone and 16 teletype channels for a distance of 5000 miles. It also can be carried in two C-124 aircraft. One unit was ordered at a cost of \$375,000.

The third system, the AN/TSC-20, can be airlifted by C-119 aircraft or by helicopter. It has one voice and four teletype channels and can operate up to 2500 miles. Ten of these systems were ordered at a cost of \$120,000 each.

THESE SCHOOLS

Invite requests for catalogues
and information. In writing
kindly mention The Journal

Army Orders List Promotions, Retirements, Resignations, And Discharges

From preceding page—

Captain

Bradley, Charles A. Jr, Columbus, O, to USASETAF.
Logerquist, Benjamin A, Ft Sill, to Stu Det Second USA, Ft Meade, w/sta Virginia Polytechnic Inst, Blacksburg, Va.
Levens, Franklin J, Ft Monmouth, to Korea.
To Stu Det Fourth USA, Ft Sam Houston, w/sta Louisiana State Univ, Baton Rouge
Boswell, Aubrey R, Ft Eustis.
Towel, Thomas J, Ft Benning.

Brooke Hospital Gets A New CG

Brig. Gen. George M. Powell has arrived at Brooke Army Medical Center, Ft. Sam Houston, Tex., to become the ninth commander of Brooke General Hospital since it was named in 1942.

A specialist in internal medicine, General Powell returns to the Army post where he began his military career 29 years ago. He has commanded Madigan General Hospital, Tacoma, Wash. since August 1959 and, for a year before that, Womack Army Hospital, Ft. Bragg, N. C.

Col. Charles H. Moseley, Assistant Commandant of the Medical Field Service School, has left Brooke to become Executive Secretary of the Armed Forces Epidemiological Board in Washington, D. C.

To Germany

Wallace, James W, East Lansing, Mich.
Vollman, Nick W, Ft Rucker.

1st Lieutenant

Roberson, James E, Ft Eustis, to Stu Det Fourth USA, Ft Sam Houston, w/sta Louisiana State Univ, Baton Rouge.
Beltz, Charles A. Jr, Columbus, O, to Stu Off Co. USAAVNS, Ft Rucker.
Bauchspies, James S, Ft Eustis, to Stu Det Second USA, Ft Meade, w/sta Virginia Polytechnic Inst, Blacksburg, Va.
McMahan, Emmett K, Cep Leroy Johnson, to USA Gar, Ft Amador, CZ.
Tamer, Robert S, Ft Campbell, to Fifth USA Stu Det, Chicago, w/sta Univ of Wisconsin, Madison.

To Korea

Peach, James G, Ft Eustis.
Gordon, John B, White Sands MR, N Mex.
Caldwell, Richard D, Ft Belvoir.

To Germany

Armstrong, Frank R, Ft Bragg.
Samuel, Hasker B, Jr, Ft Story.
Losa, Gene A, Ft Eustis.

MILITARY POLICE CORPS—

Maj Gen Ralph J Butchers, PMG

Major

Raab, Carl H, Jr, Decatur, Ill, to Lexington Sig Dep, Lexington, Ky.

1st Lieutenant

Nickerson, John N, Ft Meade, to 2d Inf Div, Ft Benning.

CHIEF WARRANT OFFICER—

James, Lee A, Ft Carson, Stu Det USA Ord GM Sch, Redstone Arsenal, Ala.
Deming, Homer L, Ft Huachuca, to Det No 1 USA Alaska Comm System, Anchorage.
Wood, Sherphreness H, Aberdeen Pr Gr, to USA Gar, Ft Wayne.

Johnson, Lloyd V, St Louis, to Martin AH, Ft Benning.

Campbell, Galeon P, Ft Mason, to USA Elm JUSMMAT, Ankara, Turkey.
Stevens, Altus A, Ft Lewis, to USAREUR.
Schmid, James J, Ft Huachuca, to France.

To Korea

Hale, Harvey M, Ft Sill.
Inman, Ernest R, Sandia Base, N Mex.
King, Claude E, Ft Hood.
Bliss, Gustave E, Ft Ord.
Crocker, Benny D, Ft Rucker.
Wilkinson, Gary H, Ft Belvoir.

To USARAF Bpl Det, Ft Richardson

Rasmus, Anthony R, Manchester, Conn.
Klieland, Richard G, Ft Benning.

Railway Service Reunion

The 16th Annual Reunion of the Military Railway Service Veterans will be held at the Pick-Congress Hotel, 500 South Michigan Ave., Chicago, Ill., 15, 16 and 17 September.

Inquiries regarding this organization may be directed to Mr. Fred W. Okie at P. O. Box 536, Pittsburgh 30, Pa.

WARRANT OFFICERS—

Jackson, George W, Ft Bliss, to USA Ord North Dep Actv, Romulus, NY.
Glinski, Andrzej, Aberdeen Pr Gr, Md, to Germany.

RETIRED—

Colonel

Webber, Donald B, Arty.
Lawson, Richard H, Inf.
Edelen, Larue M, MPC, pd (100%).
Wirak, Louis R, CE.
Taylor, William, Jr, Arty.
Beers, Barnet W, pd (30%) fr temp disab ret list.
Hampton, William A, Arty.
Little, Donald C, Arty.
Wilson, Neil O, VC, pd (30%).
Crosby, Charles P, pd (80%) fr temp disab ret list (mil records corrected).
Rogers, Glenn F, Armor.
Gezelman, Ralph L, pd (30%) fr temp disab ret list.
Dial, Richard L, TC.

Lt Colonel

Hewette, James B, Inf.
Marr, Clifford, pd (20%) fr temp disab ret list.
Warren, Pratt A, Inf.

Major

Mitchell, Robert F, Armor.
Hill, Levenia E, ANC, pd (70%).

Captain

Stoehr, Henry G, Ord C, pd (30%).

Chief Warrant Officer

Woodward, W-3 Herbert E, TC, pd (70%).
Ludden, W-4 Charles F, Sig C, pd (70%).

Retired Upon Application

Colonel

Erwin, W B, CE Meador, C B, MC
Dayhuff, C H, Jr, Hursh, L M, MC
Arm McKinley, J F, Inf

Col. Saholsky To Sandhofen

Col. Bolick A. Saholsky has been named Director of Procurement, Headquarters USAREUR (Rear) COMZ, with duty station at Sandhofen, Germany.

For the past 17 months he served as Director of Procurement and Production, Army Transportation Materiel Command, St. Louis. Colonel Saholsky, Ord C, was loaned to the Transportation Corps by the Deputy CofS, Logistics, for whom he was serving as Chief of the Contracts Branch.

Pittman, J M, Inf Katin, J G, QMC
Wolfe, Yale H, Arty Parker, A H, SS
Silman, J B, QMC Stanley, C A, Sig C
Sharkey, T W, Inf Sax, H W, QMC
Kiersch, T A, MC

Lt Colonel

Lawrence, R G, CE Faucette, G R, AGC,
Roberts, R V, AGC as Col.
Perry, R E, Inf Ryan, J L, FC
Valenzuela, R P, Adams, S J, Jr, Inf
Ordc Notgrass, J G, Jr,
Feeny, R T, USAR SigC
Babin, A, Jr, Arty Giffillan, W F, Jr,
Travis, A L, Arty MPC
Stubbs, H P, Jr, Arty Jackson, R J, Jr, CE
Ressegule, G I, TC Fuller, J G, Inf
Richard, W J, Arm Davis, Mike B, CE
Phillip, G R, Jr, Arm King, Mary L, ANC
Phillips, J H, AGC Collin, J E, 2d, Inf
Whitsit, R J, Arty, as Marshall, E M, AMSC
Col. Williams, O D, CE,
Baker, W C, Arty as Col
Lyon, D S, USAR

Major

Crocker, R L, QMC McHarg, W F, Arty
Chedester, M D, Inf, Williamson, T S, TC,
as Lt Col
Reich, W F, Arm, as Harwell, J O, QMC,
Lt Col as Lt Col
Gibbs, J M, TC Hutton, R S, Arty
McCollister, Wiley C, Johnson, L S, Inf
Arm, as Lt Col Dezulovich, S A,
Trudell, J N, AS OrdC, as Lt Col
Feltman, J D, SigC Lillie, Karl W, Inf
Gates, W H, OrdC, as Osborn, J E, Inf
Lt Col Hall, C D, TC, as Lt
Fitzsimmons, W L, Col
MSC, as Lt Col Renfrow, A C, Jr, Inf
Collins, Adam, Arty, Thomas, G H, sr, TC
as Lt Col Payne, Houston, MPC

Captain

DeWald, Joy H, QMC, as Maj.
Mackey, Benjamin E, MSC.
Nelson, Frederick L, Jr, CE, as Maj.
Machate, Joseph V, CE, as Maj.
Gombosh, Arthur J, MSC, as Maj.
Gidusko, Andrew M, OrdC, as Maj.
Dadich, Matthew, Arty.
Cunneen, Leonard J, Inf.
Crabtree, Vernon D, AS.
Bronnenberg, William B, MSC, as Maj.
Ruppel, Raymond P, QMC, as Maj.

Davis, Albert B C, Jr, Inf, as Maj.
Bagdonis, Alphonse J, Arty, as Maj.
Sawyer, Lyman E, Arty, as Maj.

Chief Warrant Officer

Mood, W-2 Warner L, OrdC.
Hatfield, W-2 Raymond W, sr, MSC.
Klein, W-4 Edward, AGC.
Clayton, W-3 William N, OrdC, as LtCol.
Nolen, W-2 Titus R, AGC.
Gwiazda, W-3 Edward, OrdC.
Turner, W-2 Henry E, Jr, QMC, as LtCol.
Anderson, W-2 Leland R, Arty.
Jardee, W-3 Herschel H, AGC.
Kelly, W-4 Alton L, Cml C, as LtCol.

TO TEMP DISAB RET LIST—

Starr, Maj George, TC (100%).
Ackerman, Maj Melvin J, TC (100%) as Lt Col.
Fitzhugh, Maj Edward B, OrdC (40%).
Gleim, Capt Edna A, AMSC (50%).
Wileman, Capt Richard D, AS (40%).

RESIGNED—

Captain

Case, R H, Inf Barth, J E, Inf
Murphy, M J, Inf Volmer, W S, Inf

1st Lieutenant

Mason, T M, Arty Grassmyer, R L,
Huicher, G R, MPC Arty
Hoffman, F R, Inf McEwen, G N, Inf
Kearney, R F, FC
Schomburg, August, Jr, OrdC

PROMOTED IN RA—

To Colonel

W/DR 1961

17 Jun: Moynahan, James McC, QMC.

To Lt Colonel

W/DR 1961

17 Jun: Martin, Charles W, AGC.

18 Jun: Collins, Matthew R, Jr, OrdC;
Hopkins, Walter G, Jr, Arty, Jones, Luther G, Jr, TC.

20 Jun: Brown, Harry C, Arty.

To Major

W/DR 1961

17 Jun: Johnson, Ervin V, Arty; Scully, Bernard R, DC.

18 Jun: Bishop, John H, Inf; Chappell, Harold R, MC.

20 Jun: Basgall, Julian E, OrdC; Benson, James W, CmlC; Cooper, David S, MC; Sheehy, Thomas W, MC.

21 Jun: Wells, Jake, MPC.

To Captain

W/DR 1961

17 Jun: Merklinger, George J, OrdC; Ste. Marie, Norman A, Inf; Staehle, William, 3d, DC; Burdick, Claude O, MC; Fugelso, Peter D, MC; Gray, John H, MC; Herrick, Clyde N, MC; Pitcher, James L, MC.

Col. Schubert Named

Col. George K. Schubert, a prominent Philadelphia attorney, has been appointed Commander of the newly organized 8372d Air Force Reserve Recovery Group. The unit, staffed by Reservists from Philadelphia and suburban areas, is organized to provide emergency services and facilities for Air Force aircraft returning from missions in the event their home stations are no longer serviceable.

18 Jun: Boswell, Aubrey R, TC; Hoffert, Charles E, Inf; Madigan, John J, Inf; Rapkoch, James M, Armor; Wright, Elden H, Inf.

19 Jun: Hornsby, Jesse S, Arty; Nutter, Raymond T, Inf; Moorfield, Claude E, Jr, CHC.

20 Jun: Adamson, George F, OrdC; Carlson, Gustaf R, FC; Mock, Newell A, Jr, Inf; Poarch, James W, QMC; Prescott, Warren T, Inf; Shelder, Augustus L, Jr, Arty; Spang, Alan W, Arty; Van Vranken, Robert L, CE; Willwerth, Dean R, Armor.

21 Jun: Augur, George M, Arty; McGraw, John F, Jr, Inf; Ruskauff, Donald R, TC; Skinner, Harry J, OrdC; Tumire, Dana, Inf; Wyatt, James E, SigC; Bailey, Bruce H, MC; Collins, Deland M, MC, Fagan, Charles J, MC; Strader, Lorenzo D, Jr, MC; Duffy, John H, DC; Newell, Donald H, DC; Schafer, Thomas J, DC.

To 1st Lieutenant

W/DR 1961

17 Jun: Burns, George K, CmlC; Conrad, Charles O G, Arty; Danilek, Donald J, QMC; Hain, Earl L, OrdC; Hofmann, Robert M, Inf; Papa, Joseph, OrdC; Schmidth, Albert T, Arty; Stieber, Joachim W, Arty.

18 Jun: Coleman, Lynn F, Arty; Frank, Basil E, OrdC; Napper, John L, CE; Palme, Francis J, Jr, QMC; Turgeon, Gareth M, CE.

20 Jun: Matos, Joseph A, Jr, SigC; Novak, Jerry R, MPC; Winslow, John E, OrdC.

APPOINTED IN RA—

2d Lieutenant

Warrington, Terrell L, Inf.
Yarborough, William G, Jr, Armor.

HONORABLY DISCHARGED—

Wesolowski, Capt Anthony P, Inf.
Papajohn, Capt Alexander, Inf.
Matejoy, Capt Stephen A, Arty.
Baker, Capt Joy L, USAR, pd.
Isbell, Capt Robert O, Inf.

Col. Chapman In Command

Col. Edwin Stow Chapman has been named Commander of the Army Medical Service Combat Developments Group in its new home at Brooke Army Medical Center, Ft. Sam Houston, Tex.

His Group will prepare studies on the medical service of the future, and coordinate them with 26 other agencies of the Combat Developments System.

Since June 1958 Colonel Chapman has been Director of the Department of Military Sciences at the Medical Field Service School.

BRANCH ASSIGNMENTS—

Reinhard, 1st Lt Donald R, fr Arty to OrdC.
Caruso, 1st Lt Louis, 3d, fr Inf to OrdC.
Munnely, Capt John E, fr AGC to Arty.
McClurg, 1st Lt Donald W, fr Arty to OrdC.
Stull, Lt Col Robert K, USAR, fr Inf to Arty.
LaMarque, 1st Lt Ruben A, Jr, fr Inf to FC.

DESIGNATED ARMY AVIATORS—

Wagner, Capt Clair D, TC.
Lehocky, 1st Lt Norman J, Inf, NG.
Brown, Capt Carl H, Arty, NG.
Jennings, 1st Lt Gayle L, Inf, NG.

Senior Army Aviators:

Yenglin, Donald H, TC.
Sawell, Capt Vernon L, TC.
Ganey, 1st Lt Loyd R, Jr, TC.
Harrison, Capt Richard T, TC.
Evans, CWO-2 Billy K, USAR.
Seguin, CWO-2 Marcel G, USAR.

ADVANCED ON RET LIST—

Ratcliffe, S/Maj James J, to Capt.
Kromm, M/Sgt Fred, to 1st Lt.
Kirkland, M/Sgt James B, to 1st Lt.

ENLISTED MEN RETIRED AS OFFICERS—

Barbosa, M/Sgt Eugenio, as Maj.
Bryan, Sp5 Lucretia M, as Capt.
Bowen, Sgt Jack, as Maj.
Capps, S/Sgt Rodney D, as Lt Col.
Mitchell, S/Sgt John L, as Lt Col.
Holmes, M/Sgt John F, as Lt Col.
Griffiths, M/Sgt Arthur L, as Maj.
Wilson, S/Maj Earl F, as Lt Col.
King, M/Sgt Elzar O, as Maj.
Olson, M/Sgt Leroy B, as Capt.
Kimble, M/Sgt Francis E, as Capt.
Weetman, M/Sgt Harold R, as Col.
Birney, Sgt Francis W, as Maj.
Batalla, M/Sgt Donald C, as Capt.
Plymel, M/Sgt Ernest L, as Capt.
Melkejohn, Sfc William R, as Maj.
Wall, Sfc William S, as Lt Col.
Carroll, Sfc Robert J, as Capt.
Imhof, M/Sgt William L, as Capt.
Bass, M/Sgt William A, as Maj.
Cronin, Sgt Edward T, as Lt Col.
Durand, M/Sgt Clifford, as Maj.
Hancock, M/Sgt Marvin R, as CWO-4.
Allen, M/Sgt John J, as Lt Col.
Gibson, M/Sgt Gordon J, as Maj.
Villott, S/Maj Louis P, as Maj.
Meyer, Sfc August H, as Lt Col.

COLONEL IS RECALLED

Col. Daniel S. T. Hinman, attorney and former Adjutant General of Rhode Island, has been recalled to active duty and assigned to Continental Army Command at Ft. Monroe, Va.

A veteran of 27 years of military experience with Active Army and Reserve Forces, he was recalled in the grade of colonel for a special tour of duty authorized by Congress. He will serve for the next four years as contact officer on Army Reserve matters. His special assignment in the Reserve Components Division of the Operations, Plans and Training Section is one of only two of its kind at the headquarters. The other is that of consultant on National Guard matters.

Defense Department Fact Sheet Gives Data On Transit IV-A Navigational Satellite

The following is the text of the Department of Defense Fact Sheet on the navigation satellite success. (See Story, Page 1)

TRANSIT IV-A is the fourth in a series of satellites in a program to develop an all weather, world-wide navigational system based on signals from orbiting satellites. It differs from earlier TRANSIT satellites in shape and size, and embodies improvements that represent a step forward in the TRANSIT development program.

Transit IV-A weighs 175 pounds. Where the earlier Transit satellites were nearly spherical in shape, Transit IV-A is a polygon consisting of a flat top and bottom and 16 sides. It is approximately 43 inches in diameter and 31 inches high. It has an improved memory system (including an absolute time system) which will periodically receive orbital data from a ground injection station.

The satellite will transmit this orbital data continuously until new data is received from the ground to replace the old. From a single passage of the satellite, a properly equipped station on the ground will be able to compute its own position from the orbital data and the shift in the apparent pitch of the satellite's signal due to the doppler effect. The satellite is powered by solar cells and also carries two nickel-cadmium batteries.

The Transit system is being developed by the Applied Physics Laboratory of the Johns Hopkins University for the Bureau of Naval Weapons. The Forest Grove facility of APL at Silver Spring, Maryland, serves as the data injection station. The APL field station at Howard County, Maryland, is the primary tracking station. Other ground tracking stations are located at the University of Texas (Austin); the University of New Mexico (Las Cruces); and at various overseas locations. The Naval Ordnance Test Station, China Lake, California; U. S. Naval Weapons Laboratory, Dahlgren, Maryland; Bureau of Ships in Washington; and the Pacific Missile Range, Point Mugu, Calif. are also participating in the Transit development program.

The first successful Transit satellite, Transit I-B, was launched into an elliptical orbit on 13 April 1960. It was the first satellite to demonstrate the technique of separating a pickaback satellite at the time of injection into orbit. It carried a metal disk which was separated from the satellite by the same type of device used with later pickaback satellites. TRANSIT I-B is now silent due to failure of a thermal switch which prevented the satellite's batteries from charging sufficiently to operate its transmitting systems.

Transit II-A was launched 22 June 1960, into an orbit with an apogee of approximately 666 statute miles and a perigee of approximately 387 miles. It is still transmitting signals but only when the satellite is in the sunlight. An exploded storage cell prevents the satellite from storing energy to operate when in the dark. II-A was the first satellite actually to carry a pickaback payload, the

Naval Research Laboratory's Solar Radiation I (GREB-I). Data obtained from I-B and II-A are being used in studies of the earth's size and shape and in other geodetic studies. They also are being analyzed to determine the effects of sunlight on drag.

Both I-B and II-A responded to command signals from the ground. Both also demonstrated the practicability of mechanical and magnetic de-spin devices which reduced their rotation while they were in orbit.

Transit III-B was launched 21 February 1961, along with the Naval Research Laboratory's LOFTI satellite which measured reception in and above the ionosphere of very low frequency signals from a source on the ground. Because of a malfunction in the launching vehicle, the satellites did not separate but orbited together with the second stage of the rocket in a long elliptical path with a perigee of only 102 statute miles. They re-entered the atmosphere and burned on 30 March 1961. During its short life, III-B received commands from the ground and received a message from the ground injection station which it successfully transmitted. It also contained an extremely accurate time standard which functioned according to plan.

S.O. 159, 29 June

TO COLONEL

Kadick, M N, Arty Stephens, B, Inf
Maline, P J, Arty

TO LIEUTENANT COLONEL

Adderley, J C, jr, Jervey, J P, SigC
Arty Kontra, G, CmlC
Bradley, S A, Inf Mariconda, A F, Arty
Brown, G H, Armor Roof, D B, Arty
Davis, R LeV, Arty Schatz, J P, SigC
Estes, A J, CH Spalding, W F, CE
Hawke, L T, Arty

TO MAJOR

Adams, L E, SigC Radford, L E, Arty
Bryan, J A, CmlC Sapp, A G, Inf
Flite, R A, Inf Thompson, R H,
Genuario, L V, CE QMC
Hogan, W D, Inf Trefry, R G, Arty
Hughes, R I, jr, SigC Van D'Elden, K H,
Jones, B H, Armor MPC
Maj, E S, Arty Walter, R H, OrdC
McManus, L M, Wilson, R M, CE
Armor

TO CWO, W-3

Gordy, R E, QMC

S. O. 158, 28 June

TO COLONEL

Bull, R H, OrdC Green, J B, Arty
Carter, G F, Arty Liggett, J C, SigC

TO LIEUTENANT COLONEL

Blanchi, J J, AI Hargraves, C E, CH
Bracy, J C, Inf Honey, A G, Inf
Cerny, E V, Inf Jennings, H M, FC
Crews, W H, Arty Kraus, H N, AI
Devoto, W J, CH Livazer, H, CH
Doyle, W J, OrdC Sadler, M, CH

TO MAJOR

Aull, L B, OrdC Hendry, J B, Arty
Beckner, D A, Inf McDowell, W R, Arm
Blank, H L, CE Honey, A G, Inf
Burns, J R, Inf Neal, B K, jr, Inf
Carigan, R E, FC Renick, R D, jr, Arm
Craun, N E, jr, Arty Singleton, M H, OrdC
Creuziger, D P, Arm Viskochil, R H, CE
Evans, B G, AGC Wegner, L W, jr, Inf
Grasser, P G, Armor Wyatt, T C, Inf

TO CWO, W-3

Hair, R M, AGC

Thor-Able-Star Launch Vehicle

THE Air Force Thor-Able-Star used to boost the Navy Transit IV-A satellite into orbit is a two-stage vehicle over 79.3 feet tall and weighing approximately 120,000 pounds at liftoff.

The Air Force has placed five satellites in orbit using the Thor-Able-Star—Transit I-B, 13 April 1960; Transit II-A and III-B and their "pick-a-back" satellite, 22 June 1960 and 21 February 1961; and the Army's Courier I-B, 4 October 1960.

In the Transit IV-A project, the Air Force was responsible for the launching vehicle, mating of the payload to the vehicle, the launch powered flight and orbital injection of the satellite.

First Stage

Air Force THOR, intermediate range ballistic missile, minus guidance and modified to accept an additional stage.

Weight: Over 100,000 pounds.

Thrust: Approximately 150,000 pounds.

The liquid-fueled THOR propels the vehicle for about 160 seconds after launch. During this period, the rocket is controlled by roll and pitch programmers.

Second Stage (ABLE STAR)

Weight: Over 9,000 pounds at liftoff.

Height: 14 feet, 3 inches.

Diameter: 4 feet, 7 inches.

Thrust: 7,900 pounds.

Fuel and Oxidizer: Unsymmetrical Dimethyl Hydrazine (UDMH) and Inhibited Red Fuming Nitric Acid.

The Able Star has a total burning time of approximately 300 seconds. The first 285 seconds of thrust is used for the initial orbital injection. The remaining burning time is used, if needed, to inject the payload into final orbit.

The Able Star vehicle was developed from the original Air Force ABLE stage by ARPA. ABLE stages were used on Pioneer, Explorer, Tiros, Transit and other space launches. Aerojet General built the propulsion system for Able Star. Space Technology Laboratories built the attitude control and guidance system.

Attitude control for ABLE STAR during its coasting phase of flight is accomplished through 8 small jet nozzles which control pitch, roll and yaw. This system uses a total of 14.8 pounds of pressurized nitrogen gas. The Able Star system has an operating life of about 10 minutes.

Reunion Scheduled

A Reunion of the 307th and 7720th Replacement Depots and the Sonthofen Military Sub-Post will be held at the NCO Open Mess, U. S. Military Academy, West Point, N. Y. on 17 September. For details write Col. Oliver J. Troster, 92 Franklin Ave., Yonkers, N. Y.

J. L. Young Joins Ford Office

James L. Young has joined the Dayton Office of Ford Motor Company's Defense Products Group. It is announced today by Robert L. Shanower, Dayton Office Manager. He served in the Navy during WW II, and is a lieutenant commander in the Naval Reserve.

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7/8/61

SERVICE FAMILY NOTES

Louise B. McGiffert
Family Editor

Bertie Johnson
Associate Family Editor

Kenneth P. Moorefield, 17, son of Col. and Mrs. Jesse P. Moorefield, 420 Dickman Road, San Antonio, reported to the U. S. Military Academy 5 July. He received his appointment through former Representative Carl T. Durham, (D-NC). The Moorefields are from Greensboro, N. C. Kenneth's father is Chief of the Plans and Installations Division of the G-4 section at Fourth Army, Ft. Sam Houston.

Mary Eleanor Streeter, daughter of Col. and Mrs. Arthur L. Streeter of 7900 Altavan Ave., Los Angeles, who graduated from Pomona College this June, has accepted a position with the University of California Medical Research Center in San Francisco. Her work will be in electron microscopy and tissue culture. Colonel Streeter, who retired from the Air Force last fall, is now examining physician and otology consultant for the Los Angeles city schools. He resides at 7900 Altavan Ave., Los Angeles.

GOLDEN ANNIVERSARY

In 1911 a young Army officer sailed with his bride to the Philippines for duty. On 28 June 1961, Col. Burton A. Seeley, VC, USA-Ret., and Mrs. Seeley celebrated the 50th anniversary of that wedding. Visiting their daughter and son-in-law, Col. and Mrs. Dan Gilmer, 314 Antietam Street, Ft. Devens, Mass., the couple was honored by a group of close friends. During the day Colonel and Mrs. Seeley were surprised by a trans-Atlantic call from their son and daughter-in-law, Col. and Mrs. A. H. Seeley, stationed in Orleans, France.

Colonel Seeley, who retired in 1948, and Mrs. Seeley make their home at 216 Laurel Place, San Rafael, Calif.

2d Lts. Joel and Jack Daniels, identical twin sons of Chaplain (Col.) John F. Daniels, received commissions from the AFOTC at University of Illinois as Distinguished Graduates. John is married to former Margery Hoener, daughter of Col. Erwin B. Hoener, Arlington, Va. Chaplain Daniels is stationed in the Pentagon, Washington, D. C.

RAdm. Oscar H. Dodson, USN-Ret., recently participated in commissioning ceremonies for his son, Ens. John D. Dodson at the University of Illinois NROTC. Admiral Dodson, USNA '27, formerly commanded NROTC at Illinois, then was professor of history on U. of I. faculty until going in 1959 to his present post of Director of the Money Museum at National Bank of Detroit. He is serving his second term as President, American Numismatic Association. Ens. Dodson has been assigned to duty aboard Leonard F. Mason at Yokosuka, Japan.

Mrs. Roland Anderson, Chairman of the Welfare Committee of the American Women's Club of Tehran, Iran, recently presented a check for 357,630 Rials (\$4,704) to the Iranian Nurses Association to finance scholarships for Iranian young women to study nursing in Iranian schools. Mrs. Anderson's husband, Lieutenant Colonel Anderson, is a member of the U. S. Military Mission with the Iranian Army.

The sons of two Navy officers at Point Mugu, Calif., have been accepted for training that leads to a Navy career. **William D. Fraser**, 19, has been appointed to the U. S. Naval Academy and **Alfred C. Jackson**, 18, will join the University of Washington NROTC. Alfred is the son of Capt. A. C. Jackson, Pacific Missile Range Supply Coordination Officer; William's father is Cdr. W. R. Fraser, Naval Missile Center Photographic Officer.

GOLDEN VOICE

Richard J. Stillman, II, 17, son of Col. and Mrs. Richard J. Stillman, NATO Defense College, Paris, won the 1961 European Oratorical Championship sponsored by the Reserve Officers Association. General Charles D. Palmer, Deputy CofS of the U. S. European Command congratulated the winner and presented him with a check for \$600.

Richard has now acquired \$5000 in awards as a result of speaking endeavors over the past several years. A wealthy benefactor upon reading his latest speech promised to provide the additional funds necessary to permit young Stillman a seven year undergraduate and law course at Harvard.

William F. Graves, Jr., at graduation exercises for 215 boys and girls of the 8th grade, Heidelberg Elementary School #1, Germany, was presented the Outstanding Boy Student award. He is the son of Lt. Col. and Mrs. William F. Graves, who have been with USAREUR Intelligence Division, since February.

CWO Victor V. Miller, a Camp Pendleton, Calif. Marine, was valedictorian at Oceanside — Carlsbad Junior College graduation ceremonies. He serves with the Base Materiel Battalion, 1st Force Service Regiment, and resides at 2114 Crestline Drive, Oceanside.

Col. Alvar B. Sundin, Combat Developments Section, Continental Army Command, has been named President of the Ft. Monroe, Va. Dad's Club. Other officers are Col. Raymond W. Hannah, First Vice-President; Lt. Col. Stephen O. Rosselli, Second Vice-President; Maj. Ohio C. Hall, Secretary, and Maj. Thomas Longino, Treasurer.

Mrs. Merrill N. Moore, wife of the new Commander, was welcomed at a recent tea by wives of officers of the 4134th Strategic Wing at Mather AFB, Calif. A special guest was **Mrs. Norman L. Callish**, wife of Brigadier General Callish, who is the Mather Commander as well as Commander of the 3535th Navigator Training Wing.

Mrs. Raymond R. Faust of Elberta, has succeeded **Mrs. Floyd A. Hightower**, as President of the Non-Commissioned Officers' Wives Club at Ft. Benning, Ga.

William Paschall, son of M/Sgt. William Paschall, Army Medical Training Center, Brooke Army Medical Center, Ft. Sam Houston, Tex., has been awarded the National Football Foundation and Hall of Fame, San Antonio Chapter, scholar athlete award. He will go to the University of Nebraska on a football scholarship this fall.

Mrs. Mason Leads Frankfurt Wives

The Frankfurt, Germany Women's Club has elected **Mrs. K. R. Mason** as President.

Other officers are Mesdames E. A. Raymond, 1st VP—Membership; C. H. Hiser, 2d VP—Hospitality; R. A. Seidenberg, 3d VP; R. L. Prokop, Recording Secretary; R. G. Richmond, Corresponding Secretary; P. W. Denton, Treasurer; J. J. Mahan, Assistant Treasurer; E. M. Sleecker, Parliamentarian; R. N. Bowman, Tours Chairman; and W. B. Counts, Ways & Means Chairman.

Executive Board members are Mesdames W. Kilpi, Co-Chairman W & M; L. A. Maisenbacker, Special Activity; D. P. Smith, Co-Chairman Special Activity; J. W. Pierce, Public Relations Chairman; J. E. Kellerman, Welfare; A. H. Marsh, Nursery; P. J. O'Neill, Thrift Shop; and R. C. Brockett, Co-Chairman Thrift Shop.

CO-PRESIDENTS ELECTED AT ORLEANS

MRS. Ingalls Simmons and **Mme Rene LePage** were unanimously elected co-presidents of the Franco-American Women's Club at the annual elections held at Chateau la Mothe, Orleans.

The club has an unusual board of officers in that two women, one French and one American, are elected to each post. The new Vice Presidents are **Mrs. Curtis N. Marsh, Jr.** and **Mme J. Fargette**. Secretaries are **Mrs. Robert Cutts** and **Mme Andre Gugenheim**. **Mrs. Paul Rogan** and **Mme Jean Porteaux** are treasurers.

The Franco-American Club, composed of French and American wives, is in its third year of existence. Numbering approximately 200 in membership, the organization's cultural activities include exhibitions, conferences and films. The organization has an active scholarship fund which sponsors a French student to study in the United States.

Mrs. Owens Is President

Mrs. William B. Owens has been elected president of the Women's Club at Pine Bluff Arsenal, Ark.

Other officers are Mesdames **John M. Palmer**, Honorary President; **Norman H. Crandell**, Vice President; **George Campbell, Jr.**, Secretary; and **C. J. Maupin**, Treasurer.

Mrs. Humphreys Elected

The Armed Forces Officers' Wives Club of the University of Michigan, has elected **Mrs. Charles Humphreys** as President.

Vice President is **Mrs. James Howard**; Treasurer, **Mrs. Eugene Fox**; Recording Secretary, **Mrs. Homer Arnold**; and Corresponding Secretary, **Mrs. John Howard**.

Service Weddings and Engagements

BRIG. Gen. (USA) and **Mrs. William F. Ryan** of 2005 Columbia Pike, Arlington, Va., announce the marriage of their daughter, **Jean Tracy**, to **Lt. Francis W. Farrell, Jr.**, USA, son of Lt. General (USA-Ret) and **Mrs. Farrell** of New York, 24 June, at the Post Chapel, Ft. Myer, Va.

Given in marriage by her father, the bride chose **Mrs. Charles Zeigler** of Ft. Jackson, S. C., as her matron of honor, and as bridesmaids, **Misses Jane Toye**, **Jane Waln**, **Clara Sue Durden** and **Mrs. Anne Via**, all classmates. **Lt. Jerry Lewis** was best man for the bridegroom, and ushers included **Capt. Niles Fulwyler** of St. Sill, Okla., **Lts. Dean Herman**, **Kelly O'Malley**, **Joseph Bireley**, all of Ft. Bragg, N. C., and **Mr. William F. Ryan, Jr.**, brother of the bride.

Mrs. Farrell, who is the granddaughter of the late Maj. Gen. (USA) and **Mrs. George S. Simonds**, was graduated from Mary Washington College of the University of Virginia last month. Her bridegroom, **USMA '60**, whose father is Director of Civil Defense for New York State, is now stationed at Ft. Bragg with the 82d Airborne Division.

RUUD-MCMORROW—**Miss Mary Fox McMorro**, daughter of Brig. Gen. (USA) and **Mrs. Francis Joseph McMorro** of 4351

No. 26th St., Arlington, Va., and **Mr. Paul Gordon Ruud** were united in marriage, 1 July, at the Post Chapel, Ft. Myer, Va. The bridegroom is the son of **Mrs. L. George Ruud** of Pelican Rapids, Minn., and the late **Mr. Ruud**.

The bride, who was given in marriage by her father, had her sister, **Miss Margaret Mary McMorro**, as her maid of honor, and **Misses Chloe Irvin**, **Elizabeth Stewart**, **Winifred Doyle** and **Gloria Malankowski** as bridesmaids. **Lt. Burton T. Miller** served as best man and ushers were **Lts. Thomas F. McMorro**, brother of the bride, **Robert McCann**, **Thomas E. Runyan**, **Jerry Street** and **Donald J. Welch**.

GOLDBERG-AGNEW—**Col. (USA)** and **Mrs. Richard H. Agnew** of 2357 So. Arlington Ridge Rd., Arlington, Va., announce the engagement of their daughter, **Sandra Belle**, to **Mr. David Michael Goldberg**, son of **Mr. and Mrs. Samuel Goldberg** of Washington, D. C.

Miss Agnew, who attended Ohio Wesleyan University, is a senior student majoring in Geography at George Washington University, where she is a member of the Kappa Alpha Theta sorority

and holds the Daughters of Cincinnati Scholarship. She is also employed by the Board of Geographic Names of the Department of the Interior. **Mr. Goldberg** is a Chemistry major at George Washington University and is doing research work at the D. C. General Hospital Chemical Laboratory.

An early September wedding is planned at Grace Episcopal Church, Alexandria, Va.

BROWN-CIARLANTO—The Catholic Chapel of the Most Holy Trinity, West Point, N. Y., 24 June, was the setting for the afternoon ceremony uniting in marriage **Miss Gloria Rose Ciarlanto** and **Lt. Edward A. Brown, III**, USA, son of Brig. General (USA) and **Mrs. Brown, Jr.** Parents of the bride are **Mr. and Mrs. Louis Ciarlanto** of Newburgh, N. Y.

Miss Joan Brown, sister of the bridegroom, was maid of honor, and the bride's other attendants were **Misses Virginia Miller**, **Marie Ciarlanto**, **Marilyn Eanni**, her cousins, and **Mrs. Carlo Saturnelli**, **Lt. Thomas J. Lund** was best man and ushers were **Lts. H. M. Hannon**, **H. R. Gabriel**, **T. F. Carroll**, **R. W. Angstadt**, **S. V. Olive** and **F. T. Tilton**.

Mrs. Brown, who has been teaching at New Windsor, N. Y., is a graduate of the Newburgh Free Academy and the New Paltz State Teachers College. Her husband is a graduate of West Point.

CUTHRELL-BURGER—**Lt. Gen. (USMC)** and **Mrs. Joseph Charles Burger** of Washington, D. C., and Norfolk, Va., announce the marriage of their daughter, **Eleanor Sedgwick**, to **Lt. Donald William Cuthrell, Jr.**, USMC, son of **Mr. and Mrs. Cuthrell** of Richmond, Va., 1 July, at the David Adams Memorial Chapel, U. S. Naval Station, Norfolk.

Mrs. Cuthrell, whose father is Commanding General of the Fleet Marine Force, Atlantic, was graduated from the University of Maryland, where she was a member of the Kappa Kappa Gamma sorority. Her husband, **VMI '58**, is currently stationed at Norfolk, and he and his bride will make their home at Virginia Beach.

GARDINER-BISHOP—**Col. (USA-Ret)** and **Mrs. H. S. Bishop, Jr.**, of 4478 Salem Ln., N. W., Washington, D. C., announce the marriage of their daughter, **Teresa Ann**, to **Mr. Charles H. Gardiner**, 1 July, at Our Lady of Victory Church, Washington. The bridegroom is the son of **Mrs. James S. Gardiner** of Chevy Chase,



Mrs. Brown



Mrs. Ruud

Md., and the late Mr. Gardiner.

Maid of honor for her sister was Miss Mary Louise Bishop, and bridesmaids were Misses Carol E. Donayre, Ellen P. Mahar, Mrs. Karl F. Lange of Ft. Monroe, Va., and Mrs. Llewellyn A. Luce, Jr., sister of the bridegroom. Mr. James S. Gardiner served as his brother's best man, while ushering were Messrs. T. M. Potter, F. E. Troth, Craig S. Rice and Dr. David A. Hills.

Mrs. Gardiner is a graduate of Georgetown Visitation Preparatory School and Junior College and George Washington University. She is the granddaughter of the late Col. and Mrs. Bishop, sr., and of the late Col. and Mrs. E. A. Hickman. Her husband, who served in the Air Force during the Korean War, attended the University of Maryland.

The couple will make their home at Bethesda, Md.

McKIM-FOXWORTH—In an afternoon ceremony, 1 July, at the Post Chapel, Ft. Lee, Va., Miss Jeanne Clark Foxworth became the bride of Mr. Roy Wayne McKim, Col. (USA) and Mrs. Edward McClam Foxworth of Ft. Benning, Ga., are the parents of the bride, and the bridegroom is the son of Mrs. Roland O. Fisher of Cleveland, Ohio, and Mr. Albert Leroy McKim of Washington, D. C.



Mrs. McKim

Mrs. Philip E. Goodall of Falls Church, Va., was the matron of honor and only attendant for the bride, who was given in marriage by her father. Mr. Samuel J. Duda was best man, and Mr. Edward P. Barbee and Cadet John M. Foxworth, The Citadel, brother of the bride, ushered.

Mrs. McKim, who studied at the Sorbonne and is a graduate of Madison College, has been employed at the Quartermaster Depot at Richmond, Va. Her husband is office manager of the ALSCO Virginia Corporation, Richmond, where he and his bride will be at home at 3920 Chamberlayne Ave.

FISHER-CLAXON — Mr. and Mrs. Charles W. Claxon of Bethesda, Md., announce the marriage of their daughter, Sue Winston, to Lt. William Douglas Fisher, USA, son of Maj. Gen. (USAF) and Mrs. William P. Fisher of McGuire AFB, N. J., at the Baptist Church, Chevy Chase, Md., 1 July.

The bride, attended by Miss Lynn Birthright as maid of honor, and Miss Victoria Young, Mrs. Raymond L. Curry and Mrs. Frederick P. Keister as bridesmaids, was given in marriage by her father. Mr. Joseph L. Tonetti, Jr., was best man, and ushering were Messrs. J. B. Schuyler, William Curran, P. E. O'Donnell and Charles D. Clark.

Mrs. Fisher attended the University of Maryland. Her bridegroom is an alumnus of Phillips Andover Academy and Princeton University, where he was a member of Tiger Inn.

SNYDER-THACKSTON — Col. (USA-Ret) and Mrs. Albert Jerome Thackston, Jr., of 200 So. Owens St., Clinton, S. C., announce the engagement of their daughter, Julia Carolyn, to Mr. Donald Harrington Snyder, son of Dr. and Mrs. E. S. Snyder of West Orange, N. J.

Both Miss Thackston and her fiancé are graduates of the College of William and Mary, where she was a member of the Delta Delta Delta sorority, and he belonged to the Sigma Pi fraternity. Mr. Snyder is associated with Bamberger's New Jersey Division of R. H. Macy & Company.

An August wedding is planned at the First Presbyterian Church, Clinton.

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HECHT-GUY—Col. (USAF) and Mrs. George A. Guy of 32 Valentine Rd., Arlington, Mass., announce the engagement of their daughter, Patricia Ann, to Lt. Robert Joseph Hecht, USA, son of Mr. and Mrs. Edward Hecht of Highland, N. Y.

Miss Guy, whose father is Director of the Air Force Weather Observation & Forecasting System, Electronic Systems Division, L. G. Hanscom Field, is a graduate of Simmons College, Boston. Her fiancé, an alumnus of MIT and the California Institute of Technology, is stationed at Ft. Monmouth, N. J.

The wedding is planned for 7 October.

HIBBS-CARTER—Col. (USA-Ret.) and Mrs. William M. Carter of Linstead-on-Severn, Severna Park, Md., announce the marriage of their daughter, Henrietta Katherine, to Mr. Herbert Harrison Hibbs on 1 June at Christ Church, Georgetown, Washington, D. C.

Mr. Hibbs and his bride are now at home at Alexandria, Va.

QUACKENBUSH-LAWTON — Lt. Gen. (USA-Ret.) and Mrs. William S. Lawton of 6200 Landon Ln., Bethesda, Md., announce the marriage of their daughter, Mary Ann, to 1st Lt. Robert E. Quackenbush, Jr., USA, son of Colonel (USA) and Mrs. Quackenbush of Beverly, N. J., at Alexandria, Va., 16 June.

Mrs. Quackenbush attended Marymount Junior College, Arlington, Va. Her bridegroom, USMA '56, is currently serving as aide-de-camp to the Commanding General, VII U. S. Army Corps, Stuttgart, Germany, where the young couple now reside.

BROU-GUTHRIE — In a double ring ceremony and Nuptial Mass at Chapel Two, Keesler AFB, Miss., 24 June, Miss Patricia Blythe Guthrie became the bride of Mr. Charles Albert Brou. The bride is the daughter of the Commandant of the US-AF Air Ground Operations School, Brig. Gen. (USAF) and Mrs. James O. Guthrie of Keesler AFB, and her bridegroom is the son of the late Mr. and Mrs. Amedee L. Brou. The Reverend Francis J. Brou, S.J., brother of the bridegroom, officiated.



Mrs. Brou

The bride was attended by her sister, Mrs. James D. Gormley of Minot AFB, N. Dak., as matron of honor, and by Mrs. Russell Tagliareni, Misses Jane Byrne and Val Ann Robert as bridesmaids. Mr. Joseph Brou served as best man for his brother and groomsmen included Messrs. Frank Haydel, Michael Guthrie and Gayle Robert, with Lt. Tagliareni and A. L. Brou, Jr., as ushers. Little Miss Victoria Baccus, daughter of Col. and Mrs. Donald A. Baccus of Keesler, was flower girl, and Master Michael Gormley, nephew of the bride, was ringbearer.

Mr. Brou, who attended Louisiana State University, is associated with the Bank of Vacherie, La., where he and his bride will make their home.

RYAN-LINDGREN—Col. (USAF) and Mrs. Richard W. Lindgren of 313 Brookwood Dr., Fairfax, Va., announce the marriage of their daughter, Linda, to 2d Lt. Shaun Ryan, USAF, son of Mr. and Mrs. J. R. Ryan of Pine Orchard, Conn., 10 June, at the University Congregational Church, Storrs, Conn.

The bride, given in marriage by her

father, was attended by her sisters, Miss Ann Lindgren, as maid of honor, and Miss Karen Lindgren as bridesmaid.

Mrs. Ryan and her bridegroom are graduates of the University of Connecticut, where she was elected to Phi Beta Kappa and was a member of the Delta Pi sorority, and he was a Distinguished Military Graduate and belonged to the Phi Sigma Kappa fraternity.

The couple will be at home at Moody AFB, Ga., which is Lieutenant Ryan's initial flight school assignment.

McELROY-MOLINA—Mr. and Mrs. Nieves Molina of Hardin, Mont., announce the recent marriage of their daughter, 1st Lt. Inez Molina (NC), USAF, and 1st Lt. Joseph McElroy, USAF, son of Mr. and Mrs. Patrick McElroy of Woodside, N. Y., at the Base Chapel, Reese AFB, Tex.

The bride was attended by Mrs. Russell Hibbs, and Mr. Patrick McElroy, Jr., served as best man for his brother.

Mrs. McElroy is a graduate of the Sacred Heart School of Nursing, Spokane, Wash., and her husband is USMA '58. They are both stationed at Reese AFB, she at the Base Hospital, and he as an instructor pilot.

OSGOOD-THAYER—Lt. Col. (USA) and Mrs. Alan Phillip Thayer of 311 Park Dr., Schenectady, N. Y., announce the engagement of their daughter, Virginia Anne, to Lt. (jg) Franklin Baker Osgood, USN, son of Mrs. Franklin Osgood of Manchester, N. H.

Miss Thayer, whose father is assigned to the Army General Depot at Schenectady, is a student at the University of Rhode Island, where she is a member of the Alpha Delta Pi sorority. Her fiancé, who attended the University of New Hampshire, where he was a member of the Phi Mu Delta fraternity, received his wings and commission from the Naval Flight School at Pensacola, Fla. He is now assigned to the USS Wasp.

The wedding is planned for 18 November at the Naval Air Station, Quonset Point, R. I.

ALBERT-TONKIN—Mr. and Mrs. Robert G. Tonkin, III, of Monohans, Tex., and Hobbs, N. Mex., announce the marriage

of their daughter, Carolyn Marie, to Mr. William Heffron Albert, son of Lt. Col. (USA) and Mrs. Joseph L. Albert of Albuquerque, New Mex., which took place at the Church of St. Matthew, Albuquerque, recently.

The bride was attended by her sister, Miss Ann Tonkin. Mr. Willis Fjirsted was best man, and ushers were Messrs. Robert G. Tonkin, IV, and Thomas J. Albert, brothers of the couple.

Both Mrs. Albert and her husband studied at the University of New Mexico. He is the great-nephew of Col. Russell F. Albert, USA-Ret., and his bride is the niece of Lt. Col. Harry H. Elmen-dorf, USAF.

EILERING-MAXEY—Brig. Gen. (US-AF) and Mrs. Stewart Sherman Maxey of Scott AFB, Ill., announce the engagement of their daughter, Carolyn Sue, to Mr. Ronald Lee Eilering, son of Mrs. Roy Hartman and the late Mr. Leo B. Eilering.

Miss Maxey, whose father is the Staff Judge Advocate at Headquarters, MATS,

studied in Wiesbaden, Germany, is a graduate of Belleville Junior College and attended the University of Missouri. Her fiancé, now associated with a firm of architectural engineers in St. Louis, is a graduate of Washington University, where he was a member of the Kappa Sigma fraternity.

The wedding is planned for 22 July at the Base Chapel, Scott AFB.

MINER-ERIKSON—Mr. and Mrs. John Edward Erikson of Margarita, C. Z., announce the marriage of their daughter, Barbara Jean, to 1st Lt. William Rawlins Miner, son of Col. Earl Monroe Miner, USA-Ret., of 526 W. Windsor Ave., Phoenix, Ariz., and Mrs. Rawlins Miner of Lanikai, Oahu, Hawaii, 10 June at the Ft. Gulick, C. Z., Chapel.

Now assigned to Headquarters, U. S. Army Caribbean, Ft. Amador, C. Z., as aide-de-camp to Lt. Gen. Theodore F. Bogart, Lieutenant Miner is a graduate of the University of Iowa, where he was a member of the Sigma Phi Epsilon fraternity.

BELL-MOORMAN—Col. (USA) and Mrs. Harold Nelson Moorman of 23 Lyme Rd., Hanover, N. H., have announced the marriage of their daughter, Anne Elmeda, to Mr. Samuel Paris Bell, 3d, son of Dr. and Mrs. Bell, Jr., of Daytona Beach, Fla., 15 June, at St. Thomas' Church, Hanover. The Reverend Leslie Hodder officiated, assisted by Dr. Bell, father of the bridegroom.

In the absence of her father, who is with MAAG, Viet-Nam, the bride was given in marriage by her brother, Mr. Hunter Nelson Moorman, and was attended by her sister, Miss Susan Moorman, as maid of honor. Mr. Lester Bromwell was best man and ushers were Messrs. William Hutton and Dr. Robert Fear.

Mrs. Bell attended Smith College and the Katharine Gibbs School. Her bridegroom, who was graduated in June from Dartmouth College, where he was a member of the Kappa Sigma fraternity, will enter the Law School of Duke University at Durham, N. C., in September.

FRITCH-STEWART — Capt. (CEC-USN) and Mrs. Robert S. Stewart of 4305 Crestwood Ln., McLean, Va., announce the engagement of their daughter, Polly, to Mr. Bruce Everett Fritch, son of Mr. and Mrs. Herbert J. Fritch of Nutley, N. J.

Miss Stewart, who attended Punahou Academy, Honolulu, and is a graduate of Randolph-Macon Woman's College, is associated with the Socony Mobil Oil Co., Inc. in New York City. Mr. Fritch, a magna cum laude graduate of Yale University, is now a student at the Yale Law School.

The wedding is planned for September.

Army Dietitian Speaks

Lt. Col. Katharine E. Manchester, AMSC, Chief of the Dietitian Section of the Army Medical Specialist Corps, will present a paper before the International Congress of Dietetics in London next week.

Colonel Manchester's paper covers "Large Scale Catering in U. S. Army Hospitals."

THE ARMY AND NAVY LEGION OF VALOR

solicits inquiries leading to membership from those who hold the Medal of Honor-Distinguished Service Cross or Navy Cross. We are to hold our 71st annual reunion this year in beautiful Miami Beach at Hotel Barcelona August 14-15-16. This is a wonderful organization which you will enjoy belonging to.

Write Capt. G. T. Fleet, 331 Rosemary St., San Antonio, Texas.

BEST MOVE ANYWHERE



SHAMROCK VAN LINES, INC.

Army Medical Advisory Board At AMA



FOUR members of the Army Surgeon General's Advisory Board are pictured during a session at the Hotel Roosevelt, New York City, during the annual meeting of the American Medical Association. Left to right are Col. Glen Spurling, USA-Ret., Head of the Department of Neurosurgery at the University of Louisville, Ky.; Col. Norton Canfield, USA-Ret., Professor of Otolaryngology at the Yale University Medical School; Col. Brian Blades, USA-Ret., Chief of Surgery at George Washington University Hospital, Washington, D. C.; and Brig. Gen. Douglas C. Kendrick, USA, Staff Director in the Office of the Deputy Assistant Secretary of Defense (Health and Medical).

Gen. Meloy Gets A Fourth Star

General Guy S. Meloy, jr., promoted from three-star rank, is the new CG of the Eighth Army and U. N. Command in Korea, succeeding General Carter B. Magruder, USA-Ret.

Also announced in S. O. 160 is the promotion of Maj. Gen. Andrew T. McNamara, former Quartermaster General, to three-star rank. He replaced General Meloy as Deputy CG in Korea.

S. O. 160 also listed the following promotions to major general in the Reg-

ular Army, with effective dates from 22 to 29 August 1960: Hugh P. Harris, Van H. Bond, Floyd A. Hansen, William H. S. Wright, John F. Ruggles, Earle G. Wheeler, Dwight E. Beach, and Louis W. Truman.

Col. Robert B. Skinner, MC, was promoted to permanent brigadier general, with rank from 28 June 1960 and Col. Oscar J. Ogren, DC, was promoted to permanent one-star rank, with a 1 July 1961 date.

FLAG AND FOUR STRIPE CONTINUATION BOARDS

THE Navy has scheduled its rear admiral selection and captain continuation boards for Fiscal Year 1962. The Line board met 5 July. All other boards meet 18 July.

Zones of consideration, based on the 1961 lineal list, are:

Line Officers: Unrestricted Line, EDO, AEDO, and SDO (Law) Captains with date of rank of 1 July 1959 or earlier. Promotion Zone terminates with William V. Pratt Lineal Number 00600-00.

Continuation zones are: Unrestricted Line, Joe M. Alexander, 01508-00, to John B. Ferriter, 02538-40; Engineering Duty, no zone; Aeronautical Engineering Duty, Sherman E. Wright, 01532-00, to Thomas Washington, jr., 02536-45; Special Duty (Communications) no zone; Special Duty (Law), George F. Stearns, jr., 01555-00, to Howard J. Bergman, 02533-95; Special Duty (Intelligence), George B. Raser, 3d, 01046-00, to Richard H. Tenney, 02516-75; Special Duty (Public Information), Arthur H. Ashton, 01526-00, to John H. Levick, 02521-05.

MC Selection, SC and CEC selection and continuation and Chaplain Corps Continuation—Eligible officers for selection include those with running mates having date of rank 1 July 1959 or earlier. The Junior Officer in each corps in the promotion zone is as follows: Medical Corps, Harold R. Berk, 00604-00; Supply Corps, Charles A. Lafarge, 00533-00; Civil Engineer Corps, George S. Robinson, 00581-00.

Captain Continuation: Supply Corps, Harry W. Leiser, 02347-00, to Frederick A. Allis, 02538-45; Chaplain Corps, Francis A. Burke, 01516-00, to Abner R. Cook, 02532-55; Civil Engineer Corps, Ira N. Curtis, 01241-00, to Robert B. Morris, 01484-00.

Navy Assignments Changed

From page 7—

PORTER, Ralph L., CruDesPac; to Philb Gr 3.
REARDON, William L., jr., TraRon 22 NAAS Kingsville; to FltRon 141.
ROBY, Reginald E., NAS Oak; to NARTU NAS Alameda.
RUNYON, Donald E., NaDevCen Johnsville; to NAS QuonPt.
SICKEL, John A., Ofc of BuWepsFleRead-Rep Pacific NAS Norfis SDiego; to AtkRon 22.
SIGLEY, Claredon H., Staff SACEur; to OpNav.
SMITH, John A., NAS Oak; to NARTU NAS Alameda.
SPEIDEL, John P., NAS Oak; to NARTU NAS Alameda.
STENSLOFF, Robert J., NARTU NAS Jax; to IceDeFor.

TAYLOR, Ray A., jr., AtkRon 122; to Nav-AirLant.
THOMAS, Fred L., OpNav; to TacGr 1.
TURNBULL, Frederick D., NAS Oak; to NARTU NAS Alameda.
VENABLE, Leland D., NAS Oak; to NARTU NAS Alameda.
WATSON, Samuel E., ComCortRon 14; to DesFlot 2.
WIESEMANN, Arthur, jr., IceDeFor; to JAltinateComElm WashDC.
ZAMUCEN, Blase C., NAS Oak; to NARTU NAS Alameda.
BARIAN, Dicran Parsam, Home; to 3ND.
BARRIE, Robert W., NAS Brown Fld Chula Vista; to AirFeRon 32.
BORCHERS, Lynn L. (SC), NavSubBase Pearl; to NavSubBase New London Groton.
BRANDENBURG, John H., CruDiv 1; to AirAntiSubRon 32.

BRUCE, Robert L., CIC NavResTraFac Tuscaloosa; to CO Oceanographic Det 2.
BUGG, Paul, NavMissileFac Pt Arguello Lompoc; to FltTacSuppRon 21 Japan Det.
CLARK, John W. (CEC), AsstROICC Bu-DocksContrs Argentina; to NavSta Argentina.
DEAN, James A., AirTransRon 3; to Flt-TacSuppRon 24.
ECKERT, Herbert L. (MC), NavHosp Yokosuka; to NavCBCEn PorHue.
ENGLISH, Morley C., AEWRon 11; to NAS Willow Grove.
ERNST, Lee W., AtkRon 126 Det 1; to NARTU NAS NorVa.
EVERSON, Carl, AirTransRon 22; to Na-TransWgLant.
FLOYD, Albert O., NAND Seal Beach; to MinRon 3.
HARRIS, Walter J., BsNGru LantResFlt; to BsNavShipYd.
SMITH, Gerald F., OIC ComServRon 3 MO-SuppUnit Det Bravo; to BuShips.
SMITH, Thomas G., NAF Naples; to Na-TechTraCom NAS Mls.
SNIDER, Leonard A., AtkRon 122; to US NavyPGScol Monterey.
STAATS, Samuel E., AEWBaRonPac; to AEWTraUnitLant PaxRiv.
STOLTENBERG, Charles J., NAS Whidbey Is Oak Harbor; to AirTransRon 7.
SWAIN, Marvin W., jr., NAS Olathe; to NAS Cubi Pl.
VAN GORP, Dymphna P A M (NC), NavScolCom NavBase Npt; to Columbia Univ NYK.
VAUGHN, Donald E., MarCorScol Quant DUins; to PhilbRon 12.
WALKER, John F., FAETUPac; to FltAc-SuppRon 24 Naples Det.
WASSON, Joel T., NAS Seattle; to NAF Naha.
WEBER, Irving J., jr. (DC), NavDental Clinic Pearl; to NavAdminCom NTC SDiego.
WILLIFORD, James R. III, HelAntiSubRon 1; to NaTestCen PaxRiv.
WILSON, Joseph H., jr., USTaiwanDefCom; to HelAntiSubRon 8.
ZITZELMAN, Phillip, HatRon 2; to NAS Glen.
HILLARD, Herbert S., jr. (SC), NavFinCen Cleve; to NSD Subic Bay.
HOMAN, Bertie G., FAIRJax; to NavHydro-Ofc Sulland.
HOWARD, Joseph B., AirAntiSubRon 38; to FAIRWg 14.
McADAMS, Edgar L., FAIRJapan; to Bu-Weps.
McCLEARY, Catherine M. (NC), Indiana Univ Bloomington DUins; to NavHops Glakes.
MULCAHY, John E., FldComDASA Sandia Base Albuquerque; to USS Intrepid.
MULLEN, Theodore W., PacMissile Range Pt Mugu; to AirAntiSubRon 38.
PRESTON, Frank W., USNVPGScol Monterey DUins; to USS Yorktown.
SATRE, Robert S., HatRon 1; to PatRon 21.
SCHETTINO, Joseph N., AirDevRon 1; to FAIRWg 11.
SEWARD, Edmond W., FltRon 174; to NAS Cecil Fld.
SLATE, Faye J. (NC), Catholic Univ Wash DC DUins; to NavHops Portsmouth Va.
SMITH, Bernard R., USS Independence; to NavPhotoCen NAS Anacostia WashDC.
PROCTOR, Loey P., NAS Oak; to NARTU NAS Alameda.
RAMSEY, Vernon J. (CHC), NavSuppCorScol Athens; to NavSta Argentina.
RANKIN, Charles A., jr. (MC), NavSupp-Acty Italy Naples; to NavHosp Portsmouth Va.
REEVES, Joseph S., jr., NAS Oak; to NARTU NAS Alameda.
SAMIS, Harry V., ServPac; to CO NavMar-CorResTraCen Greensboro.
SARTOR, Alvis D. (SC), USS Sirius; to Univ of Pittsburgh Pgh DUins.
SCHIESSER, John J., jr., NAS Oak; to NARTU NAS Alameda.
SCHURMAN, John R., AirTransRon 22; to NAS Dal.
STEUTVILLE, William V., NAF Naples; to NaMatCen Phila.
STOKES, Glenn M., NAS Oak; to NARTU NAS Alameda.
THOMAS, Lyle E. (SC), OIC NavComSystO NAS PaxRiv; to NavSta Argentina.
TRUFSDALE, Francis E., AEWRon 1; to PacMissile Range Pt Mugu.
WAGNER, Walter R. (CEC), NavSta KWest; to Staff ClnCPacFlt.
WATTS, John E., jr. (CHC), NavCommSta Guam Finegayan; to ForTrps FMFPac 29.
WETTROTH, John R., DesRon 16; to JAltinateComElm WashDC.
JONES, Robert C., NAF Sigonella; to NavSta WashDC.
LE GRANDE, William E., NAS Oak; to NARTU NAS Alameda.
LENNOX, Frederick E. (CEC), LantDivBu-Docks and AreaPWofc New York NYK; to NavCBCEn PorHue.
LINN, Robert B., USS Henley; to FltTraCen NorVa.
MACGREGOR, James C., NAS Oak; to NARTU NAS Alameda.
MATTHEWS, Chester S. (SC), NavActy Spain Rota; to Ofc of Compt of Navy NavDept.
McCAW, Walter J., NAS Oak; to NARTU NAS Alameda.
METZINGER, William D., NAS Oak; to NARTU NAS Alameda.

MILLS, Warren B., NAS Oak; to NARTU NAS Alameda.
MURPHY, James J., CarAEWRon 12; to JAltinateComElm WashDC.
NELSON, Kenneth D., NAS Oak; to NARTU NAS Alameda.
NISTLE, Kenyon G. (SC), JStaff USCIn-CEUR; to NavSta Rota.
O'DONNELL, Ralph N., NAS Oak; to NARTU NAS Alameda.
PILLAR, Samuel A. (SC), OIC NADO 4ND NavBase Phila; to ComServRon 3 MoSupp-Unit Det Charlie.
POLIGNONE, Josephine M. (NC), NavHosp Yokosuka; to NavHospCorScol NavHops Glakes.
COLMAN, Frederick R. (MSC), EPDO ConUS Bain; to NavSta NavBase Npt.
DRADDY, John M., USS Sea Owl; to 2ND.
DUNGAR, Charles F. (MC), NavHosp SDiego; to NavHosp CampPen.
JOHNSON, Robert E., NSA Fort George G Meade; to NavSecGruActy Kaml Sesa.
LAWRENCE, Gregory E., jr., AtkRon 44; to USNVPGScol Monterey DUins.
RICHARDSON, Edward L. (CHC), USS Forrestal; to NavHosp Phila.
ROBINSON, John T. (SC), NSD Guam; to NSC Oak.
SMITH, Joseph F. (SC), USS Franklin D Roosevelt; to FAIRJax.
WILSON, Frank D. (CEC), NAD Shumaker Camden; to NavSta KWest.
YONKOVITCH, John J., PhilbRon 10; to CO NavResTraCen Warren.
ZOOK, Lester E., CO USS Engage; to CO NavMarCorResTraCen Eugene.
ADAMS, Robert H., NAS Oak; to NARTU NAS Alameda.
ASHMORE, Jack K., OIC Air NavigationOfc Philippines Culi Pt; to AtkRon 94.
BELL, John E. (CHC), 3d MarDiv (Reinf) FMF; to 1st MarDiv (Reinf) FMF.
BURKETT, Raymond M., NAS Oak; to NARTU NAS Alameda.
CARTER, Frank R., NAS Lakehurst; to F-AirJapan.
EADIE, Charles J., AntiSubDeForPac; to Univ of Mississippi DUins.
FAULKNER, Doc G., jr., HatWg 1; to USNA Anna.
FELLOWES, Robert E., AntiSubDefLant; to NaMatCen Phila.
FISHER, Robert E., NavSecGruActy Bremerhaven; to NavCommSta NorVa.
FULMER, A. E., jr., NAS Pncla; to NAF Lajes.
GRIGG, William H., DesRon 36; to USS Robert A. Owens.
HILDEBRANT, Earl F. (SC), BuWeps; to NAS Jax.
HOWARD, Donald H., LtPhotoRon 62; to NAS Olathe.
HUTCHINGS, Cecil, NAS Oak; to NARTU NAS Alameda.
ABBOTT, George B., NAS Grosse Ile; to AirTransRon 22.
BARR, Fred, TacRon 13; to PacProjDiv OptEvFor Staff SDiego.
BIGHAM, Harry, TraRon 31 NAS CorpC; to USS Pine Island.
BROZENA, John M., PatRon 11; to Nav-SuppActy Taipei.
BRYER, Bruce A., FltTraGru SDiego; to NavSec MAAG Viet Nam Saigon.
CARE, Robert L., CO NavMarCorResTraCen New Rochelle; to NavSec MAAG Viet Nam Saigon.
DANNER, William P., USS Forrestal; to CarAirGru 16.
DARROW, Charles B., USS Midway; to FAIRWg 14.
DAVIES, Robert, NavPersSchFidActy S-Diego; to USS Bennington.
DELLINGER, Chesley Y., jr., AtkRon 46; to Ofc of BuWepsRep Grumman AirEngr-Corp Bethpage LI.
DONOVAN, Walter J., Staff ClnCantFlt; to USNA Anna.
FRONKE, Robert E., USS Ramul; to LBeach-NavShipYd.
GORDON, Wendell G., BuWeps; to AirTransRon 3.
HART, John E., FAIRJapan; to NaDevCen Johnsville.
HAUGH, Derald E., NAF Monterey; to AirTransRon 7.
HINKLE, William L., CarAirGru 12; to Ofc of BuWepsRep Factory A Lockheed Air-Corp Burbank.
KERNAN, George A., Ofc of BuWepsRep NavIndResAir Plant Dal; to NAF Sigonella.
KISSINGER, Frances R. (NC), MarCorSup-Cen Barstow; to NavSta Sangley Pt.
KOCH, Henry C., PatRon 8; to NaTestCen PaxRiv.
McCool, William F., AEWRon 11; to AirTransRon 3.
MERRITT, John A., III, OIC USS Tweedy; to CO NavResTraCen Eilysan Fld Pncla.
NELSON, Kenneth D., NARTU NAS Alameda; to USS Midway.
REESE, Donald H., LBeachNavShipYd; to USS Hamul.
SCHLOFMAN, Arthur S., NavAnTraCom NAS CorpC; to PatRon 4.
SPENCER, Erwin J., AEWRon 1; to NaTestCen PaxRiv.
SUEUR, Charles A. (SC), USS Amphion; to OceanSysLant.
UHWAT, Robert A. D., USNA Anna; to AtkRon 64.
WILLIAMSON, Robert B., jr., BuWeps; to AirTransRon 22.

ROCKET POWER REPORTS NEW SOLID MOTOR

THE Kisha, a new solid-propellant rocket motor designed for sounding vehicles, sled and missile propulsion, has been announced by Rocket Power, Inc. General characteristics include a thrust of 4,800 pounds for 4.8 seconds, a loaded weight of 145 pounds, and a burnt-out weight of 42 pounds. The alloy steel case is 72.1" long and has a diameter of 6.5".

The Kisha utilizes a hot-particle, shockless type igniter with electric initiation. The Kisha configuration is also available in a variety of burning times and thrust levels.

Complete technical information is available from Rocket Power, Inc., Falcon Field, Mesa, Ariz.

Army Missile Tasks Go To Northrop

The Army has awarded three contracts totalling \$9.5 million to the Northrop Corporation for work on two missile systems and target missile service.

Northrop's Nortronics Division got \$3.9 million for production of launchers for the Hawk air defense guided missile system. A second contract for \$2.999 million went to the Nortronics Division for production of warhead components for the Sergeant ballistic missile.

The third contract for \$2.5 million was awarded to Northrop's Radio-plane Division, Van Nuys, Calif., for flight service for the RP-76 target missile to be furnished at El Paso, Tex., for training firings of Army air defense guided missiles.

Chrysler Will Build 8,503 More Vehicles

Contracts for production of 8,503 additional military trucks, ambulances, and weapons carriers have been awarded to Chrysler Corporation at a cost of \$34.7 million.

Major portion of the production covered by the new contracts will be 7,175 M-37 military trucks. Also to be built are 278 M-43 ambulances and 1,050 M-601 weapons carriers.

Pacific Scatter System Gets Signal Corps Test

A new Microwave Relay Communication System connecting three military communications stations in Luzon, P. I., and interconnecting into the Pacific Scatter Communications System and other systems, has been built by Page Communications Engineers, Inc., Washington, D. C. for the Army Signal Corps.

The system is undergoing performance tests prior to its final acceptance by the Signal Corps.

The three stations comprising the new microwave system are Clark AB Communication Center, the Pacific Ionoscatter Transmitter site, and the Strategic Army Communication Network (STAR COM) HF Transmitter site.

An important design-characteristic of the new radio relay system is its extremely high reliability of over 99%, and a fail-safe configuration for all critical traffic handling units. It has a potential system expansion to 120 full-duplex channels.

The system presently provides 31 channels transmitting v.f. traffic channels from the Clark AB Communications Center to the STARCOM transmitter station. These channels may be used for either teleprinter or voice traffic. Three channels provide teleprinter connection with the Pacific Scatter Communication System.

Col. Kerker Elected

The Ft. Belvoir, Va., Society of American Military Engineers has elected Col. J. H. Kerker, Director of the Engineer Research and Development Laboratories, as President. Mr. D. W. Hatch is Vice-President, and Maj. E. C. West, Operations Officer of the 588th Engineer Battalion, is Secretary-Treasurer.

Other elected members of the board of governors are Lt. Col. E. C. Mellett, Col. Laurence Laurion, Col. R. K. Shaul, Lt. Col. B. B. Maxwell, Mr. M. C. Shetler and Mr. R. W. Beal.

B-52 Award To IBM

The Air Force has awarded a \$5.5 million contract to the International Business Machines Corporation, Oswego, N. Y., for the improvement of bombing and navigational systems for use in B-52 aircraft. The work will be done in Rockville, Md., at the Federal Systems Division of IBM.

Vitro Chemical Names Levitan

Robert E. Levitan has been appointed to the newly created position of Manager, Marketing Services for Vitro Chemical Company, a division of Vitro Corporation of America, it is announced by Philip H. McLaughlin, Director of Marketing.

Mr. Levitan, Manager of Market Research for Vitro Chemical Company since late 1959, has served as an Air Force medical service officer.

"Jeep" Ambulances Ordered

A \$3.2 million Army contract for 1,150 "Jeep" M170 ambulances has been awarded Willys Motors, Inc., Toledo.

C. W. Moss, Willys Executive Vice President, said the 4-wheel drive "Jeep" ambulance is an extended version of the famous M38A1 military vehicle. Its wheelbase is 101 inches and overall length is 155 inches.

The ambulance has capacity for three stretcher passengers and a driver or two stretchers and four other passengers. Intended for field use, it is equipped with a canvas top.

ATLAS TRAINERS

General Dynamics/Astronautics, San Diego, has received a \$2.5 million-dollar contract to build three Atlas missile trainers to teach launch procedures to Air Force crews.

The first of the trainers will be delivered to the 576th Strategic Missile Squadron at Vandenberg AFB, Calif., later this year.

AF Contract Symposium

Joseph S. Imirie, Assistant Secretary of the Air Force (Materiel), will speak at an Air Force Contract Aviation Services Symposium 17 July at the Hotel Washington, Washington, D. C. The one-day meeting is sponsored by National Aeronautical Services Association.

Other speakers from USAF Headquarters will be Col. Charles A. Stone, Chief of the Plans, Programs, and Policy Division, Directorate of Maintenance Engineering, and Col. Donald E. Sowle, Chief of the Procurement Policy Division, Directorate of Procurement and Production.

Colonel Stone will discuss "Air Force Regulation 66-17 on Contract Maintenance" and "USAF Organizational Contractor Best-Mix Concept, 1961-1965." Colonel Sowle's presentation will cover Air Force policy relative to the use of negotiated or advertised fixed-price contracts compared to use of cost-plus-fixed-fee contracts. In addition, he will discuss the budget and legal aspects of Air Force policy regarding use of the option clause for contract renewal.

Col. Taber To Pentagon

Col. Robert C. Taber, 8th Infantry Division CofS, has left Germany for assignment to Office Deputy CofS Operations.

RETIRED ACTIVITIES:

Top Army Horseman Leaves Active Duty; LCdr. Rogers Gets New Mexico Position

A CRACK ARMY HORSEMAN, Maj. Gen. Raymond W. Curtis, II Corps CG at Camp Kilmer, N. J., will retire 30 June. A USMA '27 graduate, he was a member of the Army Equestrian Team that competed in the Olympic Games at Los Angeles in '32 and at Berlin in '36. As a member of the U. S. Army Horse Show Team, he won the International Individual Jumping Championship at the National Horse Show at Madison Square Garden, N. Y., in '35. General Curtis is married to the former Rebecca M. Gonzalez of San Diego. They have two daughters: Norma, wife of Capt. Wallace Steiger, jr., and Mary Anne, wife of First Lt. Charles Williams III.

Col. Oliver G. Kinney, USA-Ret., former Director of the Department of Infantry Division at the Army Command and General Staff College, Ft. Leavenworth, Kans., and Mrs. Kinney will make their retirement address 1300 Graff Avenue, San Leandro, Calif. Their son, A/3c Bruce Kinney, is stationed at Lackland AFB, Tex. Their daughter, Susan, completed her junior year at Immaculate High School in Leavenworth.

Col. Arthur P. Long, USA-Ret., who has been Chief of the Preventive Medicine Division of The Surgeon General's Office plans to live in San Francisco, where he has been appointed Professor of Environmental Medicine and Codirector, International Center for Medical Research Training at the University of California.

Lt. Col. James H. Carroll, CE, USA-Ret., USMA '41, whose last active assignment was Deputy District Engineer in St. Paul, will be associated with Motec Industries, Inc. (formerly Minneapolis-Moline) in the Engineering R&D Division. Currently, the Carrolls and their three daughters will continue to reside at 1621 Wheelock Ridge Rd., St. Paul 1, Minn.

Lt. Col. Richard J. Ofstad, USMC-Ret., who flew evacuees out of China ahead of the advancing Communists in 1948, until recently Operations Officer for Marine Wing Service Group-37 at El Toro, Calif., and his wife Mary, and their two children, Penny, 16, and Kenneth, 10, will continue to live at 4530 Roxbury Rd., Corona Del Mar, Calif.

Maj. Henry O. Kemp, III, USA-Ret., formerly a member of the faculty of the Army Transportation School, Ft. Eustis, Va., and his wife, Dorothea, will reside at 13 Beverly Hills Dr., Newport News, Va. He will be employed at the school as a transportation specialist.

USAA Holds Elections

The annual meeting of the United Services Automobile Association was held at the USAA Building, San Antonio, 28 June at which Maj. Gen. John H. McCormick, USAF-Ret., and Col. Tom S. Brand, USA-Ret., were reelected to the Board of Directors for two-year terms.

Members of the Board elected for four-year terms were Maj. Gen. William T. Hudnell, USAF, Col. John E. Pluenke, USAF-Ret., and Maj. Gen. George R. Mather, USA, Brig. Gen. George M. Powell, MC, USA, was also elected to the Board of Directors for a four-year term, to fill the vacancy due to the resignation of Brig. Gen. Robert B. Skinner, MC, USA.

Col. Charles E. Cheever, USA-Ret., USAA President, reported on the organization's continued growth since 31 December 1960, pointing out that as of 31 May, there were 640,716 policies in force, an increase of 18,928 during the past five months; that the Association's membership has grown during the same period by 4,261 members to a record total membership of 396,048; and that the Association's total admitted assets as of 31 May 1961 are \$78,229,297.

Col. Robert L. Cardell, USA-Ret., former Sixth Army G-1 at the Presidio of San Francisco, will reside at 1650 Fair Orchard Avenue, San Jose, Calif. A USMA '27 graduate, he will enter Stanford University to prepare for a teaching career in high school mathematics. Colonel and Mrs. Cardell have three children: Mrs. Robert D. Blanchard (Mary Cardell), whose husband is a lieutenant in the Army Corps of Engineers at Ft. Hood, Texas; Robert F. Cardell, a student at the University of San Francisco; and Elizabeth, a student at the Convent of the Sacred Heart in San Francisco.

LCdr. Arthur L. Rogers, USN-Ret., formerly Executive Officer to the Medical Equipment Development Laboratory commanded by Col. Raymond Karpen at Ft. Totten, N. Y., will live in Santa Fe, New Mex. where he will work for the State Health Department as an administrator of the Hill-Burton Act.

Commander Rogers is married to the former Doris M. Prasse of Lena, Ill. They have four children: Arthur, jr., an engineering student at Georgia Tech; Paul, who has been accepted as a Midshipman at the U. S. Naval Academy; Mark, and Deborah.

Lt. Col. Edward K. Kreml, USA-Ret., 2938 McElderry Street, Baltimore 5, Md., has been reappointed as Chairman of Civil Defense for the Maryland Veterans of Foreign Wars. He served as an Army Engineer and parachutist, and was retired for physical disability in 1956.

Maj. James M. Collins, USA-Ret., 131 Antrim Drive, San Antonio, formerly with Headquarters Fourth Army at Ft. Sam Houston, Tex., is married to the former Mae Rucker of Colbert, Okla. They have three sons, James, jr., 14, Jay, 9, and Jody, 8.

Lt. Col. James L. Sweeney, USA-Ret., who had been Administrative Officer of the Department of Combat Developments at the Army Command and General Staff College, Ft. Leavenworth, Kans., and his wife, Florence, will reside at 401 W. DeSoto Street, Pensacola, Fla.

Aerojet Names USNA Grad

Appointments of Sal LaFaso as Manager of the Administration Department and Cdr. S. W. Kerker, USN-Ret., as Manager of the Production Department of Aerojet-General Corporation's Atlantic Division, Frederick, Md., are announced by Division Manager S. W. Brown.

With Aerojet since 1956, Mr. LaFaso is a Navy veteran of WWII.

Commander Kerker, a USNA graduate, holds a master's degree in Aeronautical Engineering from the California Institute of Technology.

Harold C. Baumann, a former Army Signal Corps captain, has been appointed Chief Engineer for the American Essex Division of Nytronics, Inc., Berkeley Heights, N. J.

M. B. Donahue has been named Vice President, Sales, for Edlund Engineered Products, Inc., Miami, Fla., fabricator of components for the missile aircraft and electronics fields. He was formerly President of Aviation Industries, Elizabeth, N. J., and Assistant to the President of Air Associates, Teterboro, N. J.

Joseph F. O'Marah has joined the Wheaton, Md., Headquarters Management Staff of Frederick Research Corporation as Special Assistant for R&D to President Carl L. Frederick. Mr. O'Marah while in the Air Force served four years as ARDC Deputy Director of Procurement.

Robert D. Wylie, a Navy veteran, has been named Director of the Department of Materials Engineering of Southwest Research Institute, San Antonio, Martin Goland, President, has announced. Mr. Wylie was formerly Manager of Quality Control for the Boiler Division of the Babcock and Wilcox Company of Akron.

Births • Marriages • Deaths

(No charge for Service announcements. Please print all names.)

Born

ADAMS—Lackland AFB, Tex 24 Jun Capt & Mrs Winfield G Adams, son.
ADLER—DeWitt AH, Ft Belvoir, Va 25 Jun Cdr (USN) & Mrs William C Adler, son.
AKERS—Griffiss AFB, NY 7 Jun 1st Lt & Mrs Brian L Akers, son.
ANDERSON—Fitzsimons GH, Denver 2 Jul 1st Lt (USAF) & Mrs Frederick C Anderson, son.
ANDERSON—Robins AFB, Ga 3 Jun 1st Lt & Mrs John K Anderson, son.
ANDREWS—Ft Ord, Calif 11 Jun Capt & Mrs George Andrews, 37 Monte Vista, Monterey, Calif, daughter, Christine Marie.
AVANCE—Ft Wainwright, Alaska 23 Jun Maj & Mrs Elmer Avance, daughter, Jacqueline Lee.
BALDA—William Beaumont GH, El Paso, Tex 18 Jun 1st Lt & Mrs Edward J Balda, daughter.
BAERNHART—Munson AH, Ft Leavenworth, Kans 28 Jun Lt Col & Mrs Frank H Barnhart, jr, 16 Sumner, Ft Leavenworth, 5th child, 2d son, John Merrill, grandson of Col(Ret) & Mrs F H Barnhart, San Antonio, Tex, & of Mr & Mrs John J Merrill, Ellis, Kan.
BATES—Ft Ord, Calif 17 Jun Lt & Mrs Ronald E Bates, 218 Anzio Rd, Ft Ord, daughter, Linda Ellen.
BEHREND—Ft Ord, Calif 13 Jun Lt & Mrs James W Behrends, 126 Mar Vista Dr, Monterey, Calif, Catherine Ann.
BENSON—Brooke GH, Ft Sam Houston, Tex 17 Jun Capt & Mrs Albert G Benson, son.
BIGGS—Fitzsimons GH, Denver 20 Jun Capt (USAF) & Mrs Howard E Biggs, son.
BRENNAN—DeWitt AH, Ft Belvoir, Va 29 Jun Maj & Mrs John T Brennan, jr, daughter.
BROWN—Ft Wainwright, Alaska 18 Jun Lt & Mrs Leroy W Brown, daughter, Becky Lynn.
BURNS—Vicenza, Italy 17 Jun Capt & Mrs Curtis Burns, son, Frederick.
CAPPER—Walter Reed GH, Washington, DC 24 Jun Capt & Mrs Robert S Capper, daughter.
CARLSON—Lackland AFB, Tex 28 Jun 1st Lt & Mrs Eugene R Carlson, daughter.
CARMONA—Brooke GH, Ft Sam Houston, Tex 19 Jun 1st Lt & Mrs Louis S Carmona, daughter.
CHILDS—Ft Ord, Calif 8 Jun Capt & Mrs John O Childs, 209 Tunisia, Ft Ord, son, Charles Cabot.
CONNELLY—Rodriguez AH, Ft Brooke, PR 21 Jun Capt & Mrs Donald W Connelly, son, James Canisius.
DE WEES—Keesler AFB, Miss 20 Jun 1st Lt & Mrs Joseph E De Wees, son, Joseph Charles.
DI NARDO—William Beaumont GH, El Paso, Tex 17 Jun Capt & Mrs Nicola Di Nardo, daughter.
DINGELL—Walter Reed GH, Washington, DC 29 Jun Lt (USPHS) & Mrs James V Dingell, son.
ENGLER—Lackland AFB, Tex 26 Jun 1st Lt & Mrs Phillip V Engler, daughter.
FERAN—Rodriguez AH, Ft Brooke, PR 28 Jun Lt (Jg) (USN) & Mrs Paul M Feran, son, John Edward.
FITZGIBBON—Ft Jackson, SC 24 Jun Capt & Mrs Rodney Fitzgibbon, son.
FLANAGAN—William Beaumont GH, El Paso, Tex 19 Jun Capt & Mrs Eugene P Flanagan, son.
FOX—Fitzsimons GH, Denver 1 Jul Maj (USAF) & Mrs Burton S Fox, daughter.
GALAMBOS—Patterson AH, Ft Monmouth, NJ 24 Jun Capt & Mrs Louis Galambos, 123 Trafford St, Shrewsbury, NJ, son.
GARGUS—Walson AH, Ft Dix, NJ 26 Jun 1st Lt & Mrs John Gargus, son, John Jr.
GATES—West Point, NY 19 Jun 1st Lt & Mrs Daniel S Gates, daughter, Maureen.
GOMEZ—Walson AH, Ft Dix, NJ 21 Jun 1st Lt & Mrs Jose F Gomez, son, Thomas Vincent.
GRANT—Vicenza, Italy 19 Jun 1st Lt & Mrs Ethan Grant, daughter, Kathleen.
GREEN—DeWitt AH, Ft Belvoir, Va 26 Jun Lt (USCG) & Mrs David L Green, daughter.
HADWIN—Madigan GH, Tacoma, Wash recently 2d Lt & Mrs J N Hadwin, son.
HALKI—Ft Wainwright, Alaska 13 Jun Capt & Mrs John J Halki, daughter, Carla Ann.
HARGRAVE—Langley AFB, Va 22 Jun 1st Lt & Mrs David R Hargrave, 253 Keith Rd, Hampton, Va, daughter, Anne Victorine.
HAYES—Ft Ord, Calif 14 Jun Lt & Mrs James F Hayes, 340 Ramona, Monterey, Calif, Pegeen Marie.
HENDERSON—Ft McClellan, Ga 27 Jun 2d Lt & Mrs James F Henderson, son, James Herbert.
HICKEY—West Point, NY 18 Jun 1st Lt & Mrs Edward I Hickey, jr, son, Edward Ignatius, 3d.
HOWARD—William Beaumont GH, El Paso, Tex 18 Jun Capt & Mrs Cleo N Howard, daughter.

HUNTER—William Beaumont GH, El Paso, Tex 18 Jun 1st Lt & Mrs Roby A Hunter, daughter.
JOHNSON—Fitzsimons GH, Denver 22 Jun 1st Lt & Mrs Richard K Johnson, son.
KEPLEY—Patterson AH, Ft Monmouth, NJ 26 Jun Lt Col & Mrs Rodney Kepley, 40 Hedge Dr, Oceanport, NJ, son.
KUSTELSKI—Lackland AFB, Tex 28 Jun Capt & Mrs Thomas A Kustelski, daughter.
LATHROP—Fitzsimons GH, Denver 18 Jun Lt Col & Mrs Alba B Lathrop, son.
LEON—Madigan GH, Tacoma, Wash recently 2d Lt & Mrs K J Leon, son.
LESTER—William Beaumont GH, El Paso, Tex 19 Jun CWO & Mrs Spurgeon Lester, daughter.
LEWTER—William Beaumont GH, El Paso, Tex 17 Jun 2d Lt & Mrs James T Lewter, daughter.
LONG—Fitzsimons GH, Denver 20 Jun Capt & Mrs Oren M Long, son.
MAHONEY—Fitzsimons GH, Denver 24 Jun Capt (USAF) & Mrs Thomas W Mahoney, son.
MATTHIAS—Madigan GH, Tacoma, Wash recently 1st Lt & Mrs J S Matthias, son.
MAYEUX—Cp Leroy Johnson, La 15 Jun 2d Lt & Mrs Levy C Mayeux, daughter.
McCANDLISH—West Point, NY 23 Jun Capt & Mrs Robert H McCandlish, son, Robert Allen.
McCARATHY—Fitzsimons GH, Denver 25 Jun Capt (USAF) & Mrs Francis D McCarthy, son.
MILLS—Ft Eustis, Va recently 1st Lt & Mrs H J Mills, daughter.
MILLSAPS—DeWitt AH, Ft Belvoir, Va 27 Jun Lt Cdr (USN) & Mrs Lewis M Millsaps, son.
MORGAN—Rodriguez AH, Ft Brooke, PR 27 Jun Capt & Mrs John J Morgan, jr, son, Timothy James.
MORROW—Lackland AFB, Tex 26 Jun 1st Lt & Mrs Robert B Morrow, jr, daughter.
NAKAJO—Ft Wainwright, Alaska 25 Jun Lt & Mrs Mas Nakajo, daughter, Iris Masie.
ODLE—William Beaumont GH, El Paso, Tex 17 Jun Capt & Mrs Marvin S Odle, son.
OLDHAM—Travis AFB, Calif 13 Jun 1st Lt & Mrs Roy L Oldham, son.
PATTERSON—Cp Leroy Johnson, La 20 Jun Maj & Mrs Edwin F Patterson, daughter.
PHILIPP—West Point, NY 19 Jun 1st Lt & Mrs Ronald E Philipp, daughter, Barbara Jane.
PIPES—Ft Eustis, Va recently Capt & Mrs C E Pipes, son.
RAMLOW—Griffiss AFB, NY 3 Jun 1st Lt & Mrs Ronald C Ramlow, daughter.
RASMUSSEN—Travis AFB, Calif 19 Jun Capt & Mrs Kenneth C Rasmussen, daughter.
REEVES—Ft Wainwright, Alaska 23 Jun Capt & Mrs Henry D Reeves, son, Jeffery Wayne.
ROHRE—Walter Reed GH, Washington, DC 26 Jun Capt & Mrs Harold H Rohrer, daughter.
RYAN—Patterson AH, Ft Monmouth, NJ 24 Jun Capt & Mrs Robert L Ryan, 291 Long Branch Ave, Long Branch, NJ, daughter.
SCHWARTZ—DeWitt AH, Ft Belvoir, Va 29 Jun Maj (USMC) & Mrs Leo R Schwartz, daughter.
SCULLEY—DeWitt AH, Ft Belvoir, Va 24 Jun Lt Col (USAF) & Mrs Raymond Sculley, son.
SEELY—Coco Solo Hosp, CZ 30 Jun 1st Lt & Mrs William B Seely, USARCARIB Sch, Ft Gulick, CZ, son, Michael Gallagher.
SIRLES—Travis AFB, Calif 23 Jun 1st Lt & Mrs James W Sirles, daughter.
SLIDER—Brooke GH, Ft Sam Houston, Tex 17 Jun 1st Lt & Mrs Joseph H Slider, daughter.
SMITH—Walter Reed GH, Washington, DC 29 Jun Capt & Mrs Charles R Smith, son.
SMYLY—Moody AFB, Ga 3 Jun 1st Lt & Mrs Duncan P Smyly, son, Marshall Stubbs, grandson of Maj Gen & Mrs Marshall Stubbs, Wash, DC, & of Col (USAF-Ret) & Mrs James W Smyly, Gamaalil, Ark.
SPRINGEN—Patterson AH, Ft Monmouth, NJ 24 Jun 2d Lt & Mrs Keith G Springen, Box 236, Middletown, NJ, daughter.
SWEENEY—Lackland AFB, Tex 22 Jun Capt & Mrs Donal Sweeney, son.
VAN HORN—DeWitt AH, Ft Belvoir, Va 19 June Lt Col & Mrs Robert O Van Horn, 1000 N Livingston St, Arlington, Va, 2d child, a daughter, Mary Margaret, sister of Robert O, 3d; granddaughter of Col (Ret) & Mrs Harry M Henderson of San Antonio, Tex, & of Mrs Frank L Van Horn of New Braunfels, Tex, & the late Maj Van Horn.
WALKUP—Ft Ord, Calif, 17 Jun Lt & Mrs Robert E Walkup, 336 Van Buren, Monterey, Calif, son, Jonathan Robert.
WARNER—DeWitt AH, Ft Belvoir, Va 25 Jun 2d Lt & Mrs Arthur S Warner, son.
WAYNICK—Ft Ord, Calif 9 Jun Capt & Mrs James H Waynick, 210 St Lo Rd, Ft Ord, son, Phillip Andrew.

WEBER—Walson AH, Ft Dix, NJ 20 Jun Capt & Mrs Paul L Weber, son, Mark Douglas.
WHIPPLE—Robins AFB, Ga 2 Jun 2d Lt & Mrs Douglas C Whipple, sr, son.
WILLIAMS—Ft Ord, Calif 17 Jun Lt & Mrs Grady N Williams, Corral de Tiera Rd, Salinas, Calif, daughter, Catherine Annette.
WITTROCK—Madigan GH, Tacoma, Wash recently Capt & Mrs J W Wittrock, daughter.
WOMACK—DeWitt AH, Ft Belvoir, Va 26 Jun WO & Mrs Bernard J Womack, son.
WOOD—Patterson AH, Ft Monmouth, NJ 26 Jun Maj & Mrs Edwin Wood, 295 Edgemoor Rd, Belford, NJ, daughter.

Married

ADAMS-GUINAN—Our Lady of Peace Roman Catholic Church, Fords, NJ 1 July Miss Rosemary Guinan, daughter of the late Mr & Mrs James Guinan, and Lt Willie Horton Adams, jr, USA, son of Mrs Helen Adams, Baltimore, Md, and Mr Adams, sr, Dundalk, Md.
BANDA-KOLLAR—St Bernard's Roman Catholic Church, Riverdale, Md 1 July Miss Lois Jean Kollar, daughter of Mr & Mrs Joseph Vincent Kollar, West Hyattsville, Md, and Capt Norman Robert Banda, USA, son of Mr & Mrs John Banda, Crockett, Calif.
BOYER-BROWN—US Navy Chapel, Washington, DC 30 Jun Miss Patricia Ross Brown, daughter of Capt (USN-Ret) & Mrs John Brewer Brown, Bethesda, Md, and Mr Jean Percival Boyer, son of the late Mr & Mrs Maurice Poyer Boyer.
BRINK-SULLIVAN—St Mary's Church, Little Falls, NY 1 Jul Miss Mary Elizabeth Sullivan, daughter of Dr & Mrs William Edmund Brink, USA, son of Mrs John Edward Brink, New Rochelle, NY, & the late Mr Brink.
GARBACZ-SNYDER—US Navy Chapel, Washington, DC 1 Jul Miss Jane Elizabeth Snyder, daughter of Capt (USN) & Mrs Robert S Snyder, jr, Chevy Chase, Md, and 1st Lt Gerald G Garbacz, USMC, son of Mr & Mrs George Garbacz, Summit, NJ.
GREINER-RAST—Saugatuck Congregational Church, Westport, Conn 1 July Miss Gretchen Katherine Rast, daughter of Dr & Mrs Gerhard Rast, and Lt Lee Maynard Greiner, USAR, son of Mr & Mrs G Kirk Greiner.
LAMBERT-RANDALL—St Matthew's Cathedral, Washington DC 1 July Miss Joan Marie Randall, daughter of Mr & Mrs Harold Milton Randall, and Lt Henry Dillon Lambert, USAF, son of Mr & Mrs Henry George Lambert, Bronxville, NY.
LEES-LEVERTON—Metropolitan Memorial Church, Washington, DC 24 Jun Miss Joan Levertton, daughter of RADM (USN) & Mrs Joseph Wilson Levertton, and Ens Michael James Lees, Long Beach, Calif.
MAUNY-LEVERTON—Metropolitan Memorial Church, Washington, DC 24 Jun Miss Joyce Levertton, daughter of RADM (USN) & Mrs Joseph Wilson Levertton, jr, and Mr Harold Carl Mauney, jr, New Orleans, La.
MAZUREK-ADAIR—St Mary's Catholic Church, Annapolis, Md 10 Jun Miss Katrina Loomis Adair, daughter of RADM (USN-Ret) & Mrs Charles Adair, Annapolis, and 2d Lt Norman Charles Mazurek, USAF, son of Mr & Mrs Norman Mazurek, Miami, Fla.
MYERS-SALINO—10 Jun Miss Grace Marie Salino, daughter of Mr & Mrs Francis Salino, jr, Baltimore, Md, and Lt Donald J Myers, USMC, son of Mr & Mrs Frederick Myers, Baltimore.
SUTTER-KINGDON—Trinity Lutheran Church, Stapleton, SI, NY 1 July Miss Sharon Kingdon, daughter of Mrs Earl Goss Kingdon, El Cerrito, Calif, & the late Colonel Kingdon, USA, and Mr Frederic Koehler Sutter.
TRICE-WEBB—Cathedral Church of the Incarnation, Baltimore, Md 1 July Miss Sara Venable Webb, daughter of Col (USA-Ret) & Mrs A Norman Webb, Boxwood Rd, Baltimore, and Mr Thomas Wheeler Trice, jr, son of Mr & Mrs Trice, also of Baltimore.

Died

CONNOR—Died Walter Reed GH, Washington, DC 27 Jun Mrs Elsa Van Vleet Connor, 76, widow of Maj Gen William D Connor, USA-Ret, former Superintendent USMA and one-time Commandant Army War College. Survived by one brother, Mr McKay Van Vleet, Memphis, Tenn; and two nephews, Col John Connor, USA, 2343 So Meade St, Arlington, Va, & Curtis King, jr, Los Angeles. Burial USMA Cemetery, West Point, NY.
DUGGINS—Died of a heart attack at her home at Arlington, Va 28 Jun Mrs Grace Duggins, 66, wife of the former Chief of Surgery, Walter Reed GH, Col Percy E Duggins, MC, USA-Ret, 2354 N Quincy St, Arlington. Also survived by one daughter, Dr Virginia Duggins, of the home address. Burial Arlington National Cemetery.
DUNN—Died Southern Pines, NC 25 Jun Mrs George M Dunn, widow of Colonel Dunn, USA, following a long illness. Survived by three daughters, Mrs Ira T Wyche, wife of Maj General Wyche, USA-Ret, Box 967,

Pinehurst. Mrs George D Wahl, wife of Brig General Wahl, USA-Ret, Box 618, Rt 3, Carmel, Calif, and Mrs Collin Smith, 510 E Indiana Ave, Southern Pines; one brother, Mr Robert D Dalzell, Pittsburgh, Pa; six grandchildren; and ten great-grandchildren. Burial Arlington National Cemetery, Washington, DC.
HELWICK—Died Winchester, Va 3 July Lt Cdr Lloyd E Helwick, USN-Ret, 47. Survived by his widow, Mrs Beryl J Helwick, Stephens City, Va; his mother, Mrs Sarah S Helwick, Winchester, and one step-daughter.
KESSLER—Died San Francisco, Calif 27 Jun Mrs Charlotte Cunningham Kessler, 88, widow of Col Percy M Kessler, and mother of Col Robert H Kessler, USA. In addition to her son, she is survived by another son, Mr William H Kessler; three daughters, Mrs Pierre A Agnew, 525-37th Ave, San Francisco 21, Calif, Mrs Thomas Kehoe & Mrs Laurence H Brownlee; ten grandchildren; and nine great-grandchildren. Burial USMA Cemetery, West Point, NY.
LYNCH—Died USNH, Bethesda, Md 27 Jun RADM Joseph B Lynch, USNR-Ret, 68, former Naval Aviator and veteran of both World Wars. Survived by his widow, Mrs Kathleen W Lynch, 1044-26th Rd, So Arlington, Va. Burial Arlington National Cemetery.
PARTIDGE—Died Walter Reed GH, Washington, DC 2 July Col Lloyd S Partidge, USA-Ret, 68, father of Lt Col Alan L Partidge, USA, and of the late Lt Phyllis L Partidge, USNR. In addition to his son, he is survived by five grandchildren. Burial Arlington National Cemetery.
PEYTON—Died USNH, Bethesda, Md 28 Jun Commo Thomas Green Peyton, USN-Ret, 67, after a long illness. Survived by his widow, Mrs Mary Craighill Peyton, 5 Bayberry Ln, Williamsburg, Va; one son, Cdr H A R Peyton, USN, New London, Conn; one daughter, Mrs Mary P Turner, wife of Cdr Carol A Turner, USN; and five grandchildren. Burial Arlington National Cemetery, Washington, DC.
PHILLIPS—Died USNH, St Albans, NY 20 Jun RADM Wallace B Phillips, USN-Ret, (USNA '07), 73. Survived by one sister, Mrs Callie P Hodgkin, Greensboro, NC.
SCOBEY—Died Georgetown University Hospital, Washington, DC 27 Jun Col William P Scobey, USA-Ret, 71. Survived by his widow, Mrs Vivian Scobey, 135 Grafton St, Chevy Chase, Md. Burial Arlington National Cemetery.
SHEARER—Died Letterman GH, Presidio of San Francisco, Calif 28 Jun Brig Gen Alfred M Shearer, USA-Ret, '67. Survived by his widow, Mrs Elizabeth Shearer, Sacramento, Calif; and one daughter, Mrs Thomas F Keating, San Rafael, Calif. Burial Arlington National Cemetery, Washington, DC.
SMITH—Died of a sudden heart attack, at his home at San Bernardino, Calif 24 Jun Col Frederick L (Larry) Smith, USAF, 42, Chief, Bomber & Cargo Br, Directorate of Flight Safety, Hq USAF, Norton, Calif, a few minutes after returning from a month's safety survey of American bases in Europe. Survived by his widow, Mrs Helen W Smith, 697 E Ralston St, San Bernardino; three children, Larry R, 11, Linda L, 9, & Ronald O Smith, 6; and his parents, Mr & Mrs Fred Smith, Wenonah, NJ. Burial 30 Jun Woodbury, NJ.
STARBUCK—Died at her home at Jericho, Vt 22 Jun Mrs Ethel Dodd Starbird, 72, widow of Brig Gen Alfred A Starbird, USA, and mother of Maj Gen Alfred D Starbird, Portland, Ore. In addition to her son, she is survived by two daughters, Mrs Catherine S Jennison, Burlington, Vt, & Miss Ethel A Starbird, 2500 Q St, NW, Washington, DC.
WHARTON—Died Hendersonville, NC 22 Jun, of injuries suffered in a traffic accident. Mrs Helen Duffy Wharton, bride of Col James P Wharton, USA-Ret, who was also in the same accident.
YARBOROUGH—Died of injuries sustained in an automobile accident at Ft Bragg, NC 27 June Miss Norma Kay Yarrowborough, 21-year-old daughter of Brig Gen (USA) & Mrs William P Yarrowborough, Ft Bragg; and granddaughter of Col LeRoy Yarrowborough, USA-Ret, Mechanicsville, Pa. Also survived by one sister, Patricia M Yarrowborough; and one brother, William L Yarrowborough. Burial USMA Cemetery, West Point, NY, 30 Jun.
ZACHARIAS—Died at his home at West Springfield, NH 27 Jun RADM Ellis M Zacharias, USN-Ret, (USNA '12), 71. Survived by his widow, Mrs Clara Zacharias, West Springfield.
ZIELAZINSKI—Died Walter Reed GH, Washington, DC 24 Jun Maj Harry R Zielazinski, Ret. Burial Cicero, Ill.

Martin Hospital Commander

Col. David G. Eisner has assumed command of the Ft. Benning, Ga., Martin Army Hospital, pending the arrival next month of Col. William A. Todd, jr., chief of the Department of Surgery at Madigan Army Hospital in Tacoma, Wash. He succeeds Col. Bryan C. T. Fenton who departs for Korea.

Navy Planning To Have First Space Systems Operational By Fall Of 1962

From page 5—

strike their targets, reflect to receivers, be analyzed by computers, transmitted back to the United States, and displayed, is eight to 10 seconds.

The giant BMEWS detection radars at Thule, with antennas, measure 165 feet long by 400 feet high, have spotted satellites in orbit and have detected the moon nearly a quarter of a million miles away.

Project Advent Details

On 3 July, the Pentagon released the following Fact Sheet of the Army's Project Advent communications satellite system:

INSTANTANEOUS global communications is the goal of Project Advent, the Army's latest satellite communications system now under development.

Advent's primary objective is to conduct research and development to determine feasibility of a microwave communications system, using earth satellite communication repeaters in a synchronous, equatorial orbit.

Unlike previous communication satellite projects, which used passive and delayed repeater satellites, Project Advent will employ active repeater satellites. These allow a signal beamed to the satellites to be received, amplified and relayed immediately to a receiving station on earth.

Project Advent is the responsibility of the U. S. Army Advent Management Agency, Ft. Monmouth, N. J., an activity of the U. S. Signal Corps. The Project Advent space satellites are being developed by General Electric's Missile and Space Vehicle Department.

An operational Advent system would require a minimum of three satellites to orbit the earth's equator at a height of 22,300 statute miles and a speed of 7,000 miles per hour. Such an orbit would synchronize the satellites' movement with the earth's rotation and each satellite would remain in relative position over a given point on the earth. In this way virtual world-wide coverage could be achieved and maintained.

Two ground stations are planned for the system, one near Ft. Dix, N. J., and the other near Camp Roberts, Calif. A Navy shipboard terminal will serve as a third station at sea operating in many parts of the world to test communications capabilities. The system will permit simultaneous transmission of high speed radio teletype and voice broadcasts.

Power for the satellites will be pro-

vided by solar energy converted to electrical energy by thousands of solar cells built into two large laminated paddles. A sun tracker will keep the paddles continually oriented toward the sun. Nickel-cadmium batteries will provide power when the satellites are in the earth's shadow.

Project Advent calls for some of the most stringent reliability requirements yet imposed in space technology. For example, the Advent satellites are being designed to remain operative for at least one year without failure. In addition, attitude control and tracking capabilities are being built into the satellites, to permit for adjustment of its position to synchronize with the earth's rotation. Horizon sensors will keep the satellites' antennae continuously turned toward earth.

The satellites will contain several receivers and transmitters for microwave communication with ground stations and telemetry equipment for reporting data to ground tracking stations and for receiving signals. Communication and telemetry antennae will be located on one end of the satellites.

The Advent satellites with their delicate equipment must be able to withstand the severe shock of launch, and operate in an environment of intense radiation and temperature variations of from minus 460 degrees to plus 200 degrees fahrenheit.

During the preliminary test phase of Advent, an Air Force Atlas Agena B will be employed to boost the satellite into orbit with the Atlas Centaur program for the final test series.

As Systems integrator of the Army's Advent Program, the Air Force Systems Command's Space Systems Division is responsible for the development, fabrication and launch of the booster vehicles in addition to necessary systems integration.

After successful injection into orbit, orbital control will be assumed by the Air Force's 6594th Test Wing (Satellite) at Sunnyvale, Calif.

Mobile Engineer Honored

Col. R. W. Love, District Engineer at Mobile, has been awarded Alabama's Distinguished Service Medal. He is being reassigned to Hawaii.

The order authorizing the medal cited Colonel Love for his engineering and management skill in carrying out military and civil engineering and construction responsibilities in the five-state area of the Mobile Engineer District.

New Air Defense System In Alaska

Electronic air defense coordination systems (ADCS)—which give an air defense commander complete tactical control over interceptor and air defense missile batteries—have been installed in the Alaskan Command and are fully operational, the Army and Hughes Aircraft Company have announced.

Each ADCS is composed of one Army air defense system, one Air Force interception control system, and a central tactical console.

The ADCS encompasses four major functions: radar surveillance, interceptor control, missile control, and overall air defense coordination.

Air surveillance information obtained from local radars and remote tactical data obtained from battery level elements by digital data link are presented to the air defense coordination center. There, using the tactical console, an air defense commander may monitor the overall tactical situation, or may assign attacking airborne targets to either Air Force interceptor controllers or Army surface-to-air missile battery controllers. The console also enables him to see interceptor and missile engagements data.

The Army portion of ADCS was developed by Hughes Aircraft Company's ground systems group at Fullerton, Calif.

Each system includes one "operations

central" and several battery equipments called "coder-decoders." The latter are located at missile batteries, and provide the batteries with electronic data on enemy and friendly planes entering the zone of defense.

Data on range and bearing of airborne targets are funneled into the operations central from local acquisition radars. Information on both friendly and hostile aircraft is displayed on radar indicators in the operations central. Via electronic digital data handling, the operations central sends target data to all units and can make target assignments to any unit. Status of a battery's defense can be relayed through the coder-decoder to operations central.

Synthetic markers are displayed on the commander's console which give him a complete picture of both the interceptor and missile battery status. He may assign targets for either missile or interceptor engagement.

The primary function of the air defense commander is to monitor the overall tactical situation and see that both missile and interceptor firepower is utilized properly, without unnecessary duplication.

Operation of these systems to date indicates a substantial improvement in the overall coordination of the air defense elements in Alaska, the Army said.

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MARINE CORPS ORDERS:

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To ForTrps FMFLant

From MCS, Quant:
Douglas, Donald M. Brinkley, E. C. Jr.
Kennedy, Clifford A. Gilligan, Adrian
Ayers, James W. Shroyer, D. K. Jr.

To MAG-26

From NAS Pncla:
Magee, James T. Jr. Shuter, David W.
To MCS, Quant

From 1st MAW:
Cowley, Everett L. Prior, William A. Jr.
To Dir Nav Intel Scol, Wash, DC
Earls, Kenneth W. Ft. Holabird.
Rader, Russell W. 1st Mar Div.
Nelson, Harold M. 2d Mar Div.
Jolley, Hugh S. 3d Mar Div.

2D LIEUTENANT

Andrews, Donald W. NAS Pncla, to ForTrps FMFLant.
Thurmond, George V. NAS, Pncla, to MCS, Quant.
Wright, Russell W. MCS, Quant, to MCAS, CherPt.
Gardner, William S. MCS, Quant, to MCB CamLej.
Snodgrass, Clyde R. MCS, Quant, to Chief Nav Mission, Haiti, Port Au Prince.
Terwell, David M. CorpC, to MCS, Quant.
Differ, Ray I. MCS, Quant, to MCRDep, S Diego.
Livingstone, Duncan C. NAS Pncla, to MCS, Quant.
Baker, Richard F. MCS, Quant, to 1st Mar Brig.
Wilson, Charles E. MCS, Quant, to ForTrps FMFLant.
Schied, Carl P. NAS, Pncla, to MCS, Quant.
Shaw, Walter C. MCS, Quant, to 3d Mar Div.

To 1st Mar Div

Coulter, Robert S. NAS, Pncla.
Semkow, William, MCS, Quant.

To 2d Mar Div

Jordan, Gregory W. NAS, Pncla.
Hume, David M. MCS, Quant.

To 3d Mar Div

Lynch, Eugene A. Alameda, Calif.
Ksara, Edward P. MCS, Quant.

From MCS, Quant:
Cloud, Jonny E. Gray, Thomas A. 2d

To MAG-26

Steward, Roger E. NAS Pncla.
Kirk, Roland W. Beeville, Tex.

To 2d MAW

From Beeville, Tex:
Buckley, James E. Halliday, B. G. 3d
Grice, Stephen T.
Bullard, Clyde A. Haldey, Allen C.

From Kingsville, Tex:
Padios, Arthur P. Jr.

From MCS, Quant:
Somerville, Gary J. McAuliffe, Henry L.
Seraballs, Peter H. Sullivan, Michael R.
To MADNABTC NAS, Pncla

From MCS, Quant:
Bechtol, Joseph A. L. Maher, Vincent F.
Brown, Richard L. Odgers, Gerald C.
Dimock, Gene E. Peat, Harry C.
Eaves, Charles A. Pennell, Robert
Gale, Robert T. Plinson, Joseph W.
Golden, Robert T. Jr. Platte, Curtis R.
Haines, Lynn M. Wickstrom, R. A.
Hartwig, Charles B. Cronin, John F.
Linden, Otto G. Crusing, John R.

To 3d MAW

Juvonen, William H. Kingsville, Tex.

From Kingsville, Tex:
Glassburner, W. L. Stone, Marion F.
Ellison, Rodney M. Thrash, Ronald J.
Krueger, Peter A.

From MCS, Quant:
Luppens, Joseph H. Castillo, Frank G.
Speights, Billy J. Goodlake, R. L.
Taylor, Jack K. Marma, Leonard W.
Beach, Arthur J. Potter, Patrick J.

To MCB CamLej

From MCS, Quant:
Beitel, Richard T. McClure, Raymond B.

CHIEF WARRANT OFFICERS

Entrekin, Samuel E. CINCPacFlt, to ForTrps FMFLant.
Anderson, Thomas E. CamPen, to MCB 29 Palms, Calif.
Sheridan, Lawrence V. Portsmouth, NH, to Nav Intel Scol, NS, Wash, DC.
Hays, George C. COMART, to 1st MAW.

WARRANT OFFICER

Bowen, Myron J. 1st Mar Brig, to 1st MAW.
Lorch, Robert E. 2d MAW, to Comdr NR 23 Sqn, RAF Sta, Coltishall, Norfolk, England.
Capelle, Paul W. 1st MAW, to CO MAD NATTC, Mfs.
Flanagan, Philip E. HqMC, to 3d Mar Div.
McVay, Kenneth A. 3d Mar Div, to 2d MAW.
Panza, Ralph A. Hq MC, to USA Ord Guided Missile Scol, Redstone Arsenal, Huntsville, Ala.

RETIRED

Colonel

Coss, Francis K.
Cooper, Harlan C.
Nugent, Donald R.
Williamson, Herbert H. to temp disab ret list.
Vandergrift, Alexander A. Jr. to temp disab ret list.

Lt Colonel

Jewell, Duncan H.
Slappey, Wallace J. Jr.
Migneault, Hector R. to temp disab ret list.
Reld, William G.
Thompson, Rufus B. Jr.
Tinsley, William G. to temp disab ret list.
Wall, Ray B.
Dibble, John G. Pafford, George G.
Jordan, John C. Parry, Sherman W.

Major

Vernon, Frederick A. McAlinn, Hohn H P

Captain

Dryden, Weldon J.
Miller, Martin A.
Juba, George.
Sadler, Lester J. to temp disab ret list.
Bradley, Willie W. Scott, Robert G.
Callahan, Joseph W. Schwinn, David K.
Mayhall, Temple R. Van Camp, Phillip A.
Roles, Wayne L. Williams, Floyd C.
Scarboro, Don Hardwick, Homer A.
Wood, Stanley J. to temp disab ret list.
Coward, Vernon E. Dangerfield, G. B. C. Jr.
Rush, Marvin R. Gordon, John
Wallace, John Brockman, Wm A.
Bynum, Arnold F. Gregory, Virgil C.
Bennett, J. L. Jr. Hearn, Paul A.
Burnett, William L.

1st Lieutenant

Negrotto, Robert J. to temp disab ret list.

Chief Warrant Officer

Saint, W-3 John L.
Hall, W-4 Wilbur O. Jr. Woodward, W-2 M D
Van Zant, Samuel E. Wrenn, W-4 Joe B
Baker, W-3 Clyde G.

Philco Delivers Mobile Computer

The first lightweight, mobile computer designed for use in forward combat areas has been delivered to the Army Signal R&D Laboratory at Ft. Monmouth, N. J., for acceptance tests.

Designed and built by Philco Corporation's Computer Division at Willow Grove, Pa., under technical supervision of the Monmouth Laboratory, the computer, known as "Basicpac," (AN/TYK-6(V)) will be used for combat computations as well as control and support data processing.

Installed in a box-like all-weather shelter (S-109) measuring 11 feet long, 6½ feet wide and 6 feet high, the computer can be mounted quickly on a 2½-ton truck for speedy transport to new operating locations.

Henry F. Argento, Vice President and General Manager of Philco's Government and Industrial Group, of which the Computer Division is a part, presented the key to Col. Raymond H. Bates, Commanding the Laboratory. The "Basicpac" will undergo extensive acceptance tests.

"Basicpac" will handle a variety of combat computations as part of such field operations as logistics, administration, intelligence, command control and fire support. It can calculate weapon target allocations, loading plans and march tables, estimates of weather and nuclear fallout patterns, and reallocation of radio frequencies in the event of enemy jamming.

The computer's flexibility permits its use in such special purpose applications as artillery survey, meteorological and drone aircraft control systems. The new mobile data processor can improve the speed and effectiveness of fire support by calculating the optimum choice and employment of weapons and will help to reduce the volume of data that must be transmitted to Army field units.

75th Division Reunion

The 75th Infantry Division reunion will be held 11-13 August at the Statler-Hilton Hotel, New York City. Contact: Dan Gerard, 119 Mercer St., New York 12, N.Y.

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Virginia

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OPPORTUNITY AVAILABLE

Openings for helicopter pilots with following qualifications: FAA R/W rating, Class II Physical, 200 hours, no military obligation. Permanent position. Apply in person or send resume to Personnel Office, Southern Airways Company, Mineral Wells, Texas.

Hiller Names Navy Officer To Key Post

Robert R. Anderson has been appointed Chief Engineer of Hiller Aircraft Corp., Palo Alto, Calif., it is announced by Executive Vice President Edward T. Bolton.

Herbert F. Moseley was assigned the post of Project Engineer, in charge of the new Army Light Observation Helicopter program, which the company recently won in an industry-wide design competition.

Mr. Anderson, who was Chief Project Engineer for Hiller prior to the current promotion, is a former Navy officer. He received his B.S. and M.S. in Aeronautical Engineering from the University of Minnesota and Stanford University, respectively.

Mr. Anderson lives with his wife Dorothy and two children at 2311 Middlefield Rd., Palo Alto.

Mr. Moseley joined Hiller in 1955, and was most recently Project Engineer in charge of Hiller's principal military and civilian helicopter programs, the H-23D, H-23F, 12E and E4. From 1940, Mr. Moseley served in various engineering positions at Martin, the Air Force during WW II, Los Angeles Helicopter Airways, and at the Hughes Aircraft Co. from 1950 to 1955. He obtained his certificate in Aeronautical Engineering from Northrup Aeronautical Institute with supplemental courses at U.C.L.A. and Stanford. Mr. Moseley and his wife Agnes live at 180 Elliot Drive, Menlo Park, Calif.

Hoffman Will Work On Polaris System

Hoffman Electronics Corporation, Los Angeles, has received two contracts amounting to \$790,000 from Sylvania Electric Products, Inc. Capt. Will I. Bull, Vice President and General Manager of Hoffman's Military Products Division, said the assignment calls for redevelopment of a radio receiving set and delivery of 36 production units.

The receivers, designated FRR-58 radio sets, are part of a complete communications receiving system which Sylvania is supplying to the Bureau of Ships for the Navy's Polaris program. Original development work on the receivers was accomplished by Hoffman several years ago under a contract from the Navy's Bureau of Ships.



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AF Plan Sponsors Airmen Schooling At Civilian Colleges And Universities

AIRMEN with 30 or more semester hours of college credit are eligible under the Air Force Airman Education and Commissioning Program to be sent to civilian colleges and universities.

After completion of the college courses and the Officer Training School, they may be commissioned second lieutenants with a minimum active duty obligation of four years.

While in the program, sponsored by the AF Institute of Technology, airmen will hold a minimum grade of staff sergeant.

Following is a newly issued Air Force Fact Sheet on the "excellent opportunity for education and advancement" offered by the program:

THIS program established by AFR 53-20 provides undergraduate education, followed by officer training and commissioning, for selected numbers of carefully screened, career-minded airmen. For those who have the qualifications, the Air Force Airman Education and Commissioning Program offers an excellent opportunity for education and advancement.

HOW THE PROGRAM IS CONDUCTED

The academic phase is conducted by the Air University through educational programs planned by the Institute of Technology in cooperation with selected civilian colleges and universities. Academic fields of study will be limited to those in which the Air Force has specific requirements. Airmen will be sent to a civilian college or university selected by the Institute of Technology for study in a curriculum leading to a baccalaureate degree. During the academic phase the airman will draw full pay and allowances according to his grade. Tuition and fees are paid by the Air Force. No military instruction will be given during the academic phase and the airman is free to devote full time to study.

After satisfactory completion of the academic phase the airman is entered in the Officer Training School. The Officer Training School is located at Lackland AFB, San Antonio, Tex., and is of 12 weeks duration. Upon graduation officer trainees are commissioned as second lieutenants, Reserve of the Air Force. Each graduate will incur a minimum active duty obligation of 4 years.

QUALIFICATIONS

1. AGE AND CITIZENSHIP. An applicant must be a United States citizen between the minimum age of 15 years and a maximum that will allow him to complete all requirements for appointment as an officer before his 30th birthday. Waiver will not be granted.

2. MARITAL STATUS. No restrictions.

AF Officers Complete Course At Hughes Aircraft

Two Air Force officers have completed a one-month "Education with Industry" program at Hughes Aircraft Company's Ground Systems Group, Fullerton, Calif., according to C. Harper Brubaker, Vice President and Group Executive.

After completion of a nine-month company-wide training period Lt. Col. William Trigg and Maj. Edwin Senkbeil will become project managers at the Air Force's Space Systems Division, Inglewood, Calif.

Col. Rowan Heads Club

The newly-formed Dad's Club at Ft. Leavenworth, Kans., has elected Col. Robert L. Rowan, President; Lt. Col. George W. McIntyre is 1st Vice President; SFC James R. McQuitty, 2d Vice President; Lt. Col. James J. Crawley, Secretary; and Maj. William J. Andrews, Treasurer.

L/C O'Leary In Command

Lt. Col. Robert J. O'Leary, former S3 officer of the 3d Armored Division Artillery has assumed command of the 73d Artillery at Hanau, Germany. He succeeds Lt. Col. Jean H. Dickson, assigned to Office Deputy CofS, Operations, at the Pentagon.

3. BASE OR RESIDENCE. Airmen, including those undergoing basic military training, may apply and be processed at any time unless prohibited under paragraph 5, AFR 53-20. Airmen based in overseas areas must complete at least one half of their overseas tour before reassignment to the ConUS for entry into this program.

4. EDUCATIONAL QUALIFICATIONS. Applicants must have at least 30 semester hours or 45 quarter hours of transferable credits from an institution of higher learning that is accredited by a regional association, and/or the appropriate association for accreditation of professional curricula at the college level. Credits of less than C grade will not be transferable.

5. MORAL CHARACTER AND MILITARY POTENTIAL. Applicant must be of good moral character and must possess the other personal qualities desired in a commissioned officer. This determination is a personal responsibility of the applicant's unit commander and will be specifically commented on in his indorsement of the application. Each qualified applicant will be interviewed by a Board of Officers at an Air Force Base.

6. MEDICAL STANDARDS. Applicant will be examined and must meet the medical standards for commission, as outlined in AFM 160-1. Waivers for failure to meet these standards will not be granted.

HOW TO APPLY

All applications must be forwarded through a Base Education Services Officer. Transcripts of high school and college work must be presented for evaluation. Interested airmen should consult the nearest Base Education Services Officer or write to the Commandant, IT, Wright-Patterson AFB, Ohio, for full details of application procedure.

SELECTION AND ASSIGNMENT

Final selections are made by the Institute of Technology Board of Admissions. The Board will consider each applicant in competition with other applicants on a best-qualified basis, giving appropriate consideration to both the academic and military potential.

When civilian institution placement has been arranged, the Institute of Technology will issue reassignment instructions, through the appropriate major command, placing the airman on duty at the selected school. On graduation from the academic phase, the Institute will issue orders transferring the individual to the Air Training Command's Officer Training School.

PAY AND GRADE

Airmen will be appointed officer trainees at the time of registration into the program. At that time, those below the grade of staff sergeant will be promoted to that grade. Pay and allowances are received according to the grade held.

BANDMASTER WARRANTS

Six Army sergeants have received appointments as warrant officers upon graduation from the Bandmaster Course at the Naval School of Music.

They are Jerome J. Gillis, Bobby P. Hall, William D. Dejong, Morrison R. Waite, Kenneth R. Littrell, and Marvin E. Keefer.

New assignments for the bandmasters are: Gillis, Second Army Band, Ft. Meade, Md.; Hall, 423d Army Band, Ft. Leonard Wood, Mo.; Dejong, 384th Army Band, Ft. Eustis, Va.; Waite, 437th Army Band, Ft. Riley, Kan.; Littrell, 324th Army Band, Aberdeen Proving Ground, Md., and Keefer, 283d Army Band, Ft. Benning, Ga.

Col. Bliss To New York

Col. Robert P. Bliss, until recently Chief of the Analysis Support Division, USAF Headquarters Intelligence Center, has been appointed Commander of the 2610th Air Reserve Center, 641 Washington St., New York City.

L/C Lloyd Takes Command

Lt. Col. Warren F. Lloyd is the new Commanding Officer of Weapons Training Battalion at the Parris Island, S. C., East Coast Marine Corps Recruit Depot. He replaced Lt. Col. Frank E. Sullivan.

USBA Reports New Insurance Schedule

A NEW insurance schedule which increases the amount of group life insurance protection in several age categories without any increase in premiums has been announced by Uniformed Services Benefit Association, Suite 808, Fairfax Building, Kansas City, Mo.

Capt. R. Waldo Holt, USNR-Ret., Secretary-Treasurer, said this increased protection was made possible by rapid increased growth of membership and efficiency of administration.

"More than \$20 million worth of new group life insurance has been issued to both commissioned and enlisted members since the first of the year," Captain Holt said.

The new USBA insurance schedule is as follows:

Age	MEMBERS NOT ON FLIGHT STATUS		MEMBERS ON FLIGHT STATUS	
	Amount of Insurance	Monthly Premium	Amount of Insurance	Monthly Premium
Cadets	\$10,000	\$ 2.25		
Under 31	20,000	4.50	\$15,000	\$10
31-35	17,500	5.00	13,500	10
36-40	15,000	6.00	12,000	10
41-45	12,500	7.00	10,000	10
46-50	10,000	8.00	9,000	10
51-55	8,000	9.00	7,500	10
56-60	6,000	10.00	6,000	10
61-65	4,500	10.00	4,500	10

Captain Holt said that premiums for cadets at the four Academies have been reduced from \$2.50 to \$2.25 per month for \$10,000 coverage. The coverage for active duty personnel (non-flyers) under 31 years of age has gone from \$15,000 to \$20,000. There have been other substantial increases in the coverage provided for other age groups. Some age groups on flight status also benefit from increased coverage without paying additional premiums.

The new schedule became effective 1 June. In addition to substantially increasing the amount of insurance, USBA reports that the disability waiver of premium clause has been favorably modified. The restriction which made this clause inoperative in connection with "War" or "Aviation" has been deleted. The clause guarantees that premiums will be waived during a period of total disability.

Captain Holt said that members are privileged to retain the group term insurance after separation or retirement from service or to convert to any permanent policy issued by the insuring company. Conversion is a strictly optional privilege which may be exercised any time from the date of retirement up to age 65. The privilege of retaining the group insurance, according to the schedule, has proved to be especially popular with USBA members.

The USBA Board of Governors is composed of the following: Maj. Gen. John D. Stevenson, USAF, President; Maj. Gen. Derrick M. Daniel, USA, Vice-President; Capt. R. Waldo Holt, USNR-Ret., Secretary-Treasurer; and Maj. Gen. Charles D. W. Canham, USA-Ret.; Lt. Col. Robert H. Gray, USMC-Ret.; Med. Dir. Lewis H. Hoyle, USPHS, and Herbert M. Swarthout, Executive Secretary.

The annual meeting, including election of officers, will be held on 16 August in Kansas City, Mo. Advisors to the Association are: RADM. Leroy V. Honsinger, USN; Brig. Gen. Wm. A. Cunningham, III, USA; Brig. Gen. R. W. Hayward, USMC-Ret.; Col. Jones E. Bolt, USAF; Col. Edward Chalgren, Jr., USA; Capt. Francis R. Drake, USN; Lt. Col. James Harvey Short, USA; Sgt. Major Louis S. Beasley, USA; M/Sgt. Dorsey C. Bohannon, USA; RDCS Lewis R. Christopher, USCG; T/Sgt. Charles M. Howard, USAF; and T/Sgt. Hilton W. Panciera, USAF.

USAF Team Inspects B-58 Escape Trainer

A team of Air Force pilots, human factors engineers and contract administrators convened recently at Beech Aircraft, Wichita, to inspect a mock-up of the TAU/28M encapsulated seat escape procedures trainer for use with the Mach 2 B-58 Convair Hustler.

Beech holds a contract with the Ogden Air Materiel Area, Hill AFB, Utah, for development and production of the trainers for use at USAF physiological training facilities. Designed to prepare crew members in procedures for safe escape in emergency, the trainer is the first of its kind to incorporate encapsulated ejection.

The portable trainer unit, consisting primarily of an encapsulated seat affixed to a 21-foot high boom mounted on a 20-foot long steel-framed platform, is operated by compressed air and electrical control systems. Its action simulates the sensations of an actual seat ejection, let-down by parachute and landing impact.

In operation, a crew member assumes his normal seating position, then the seat and trainee are completely enclosed by the capsule. A blast of compressed air propels the capsule up the boom at forces from 8 to 10 times that of gravity, producing environmental conditions similar to those encountered in ejection from a high speed aircraft.

Automatically, torso positioners and leg restraints position the man in proper posture to withstand ejection forces and impact. Pre-set controls determine the height of the capsule movement and the rate of descent down the boom.

B-58 crew members will be trained periodically in the unit to retain familiarity with ejection procedures and to experience ejection sensations.

Beech is also producing, under the same contract, a flotation capsule for training in survival in case of ejection over water.

Maj. Setaro Is PX Officer

Maj. John G. Setaro, reporting from Seoul, Korea, is the new Ft. Benning, Ga., Exchange Officer at the Army Infantry Center. He succeeds Maj. William D. Murphy, who retires in July.

Dix G-4 Goes To Saudi

Col. John B. Clark, Commanding Officer of the 3d Training Regiment, Ft. Dix, N. J., has assumed duties as G-4 there. He succeeds Col. Dan C. Russell, who will be the new Chief of the Army Element, Military Training Mission in Saudi Arabia.

INDUSTRY IN DEFENSE

General Dynamics Tops Contract List; Lockheed And North American Follow

THE Defense Department reports that the net value of military prime contract awards of \$10,000 or more to the 100 companies and 135 subsidiary corporations which received the largest dollar volume of awards in Calendar Year 1960 totaled \$16,147.5 million, or 74.6% of the U. S. total.

This compares with 74.0% in Calendar Year 1958, and 73.2% in Calendar Year 1959.

Two of the companies on the Calendar Year 1960 list were formed by acquisition of, or merger, with, companies which appeared on the list for Calendar Year 1959. Textron, Inc. bought out the defense business of Bell Aircraft Corp. and Ling-Temco Electronics, Inc. bought and merged Temco Aircraft Corp.

"These mergers are illustrative of a long term trend in which concerns have sought to diversify their lines and improve their ability to compete for both defense and non-defense business," the Pentagon said.

General Dynamics Corp. with 6.0% of the total heads the list in 1960 as it did in 1959 when it received 6.9% of the total. Its Convair Division produces the B-58 bomber and F-106 interceptor aircraft, and also is the assembly prime contractor for the Atlas, Redeye, Mauler, Terrier and Tartar missile systems. The Electric Boat Division produces Polaris submarines and the Stromberg-Carlson Division makes a variety of military electronics devices.

Second on the list is Lockheed Aircraft with 5.2% of the total. In addition to military aircraft and missiles, this company has entered the electronics ship building and heavy construction fields through its recently acquired subsidiaries, Stavix Engineering Co. and Puget Sound Bridge and Dry Dock Co.

North America (third with 4.4%) is heavily engaged in the production and development of aircraft including A3J Vigilante, T-39 trainer, the B-70 strategic bomber and X-15 experimental aircraft. The company also is an important prime contractor on several missile systems, including Hound Dog and Minuteman, and is producing ship navigation equipment for the Polaris submarine.

The military prime contract work of General Electric Co., which is in fourth place with 4.4%, is predominantly on jet engines for aircraft. However, this company's military products also include nuclear propulsion equipment for ships, re-entry vehicles for space probes, guidance equipment for missile systems, and a wide variety of electronic gear.

The fifth company on the list is Boeing (4.0%) which was second in 1959 with 5.4%. Boeing's principal projects are the B-52 bomber, KC-135 tanker-transport, Chinook helicopter, and Bomarc and Minuteman missiles.

The Pentagon announcement concluded: "It has been noted in previous reports that a substantial portion of the prime contract work of these large companies is subcontracted to other concerns. Approximately one-half of the military work of the large concerns is subcontracted out, and over one-third of the subcontracted amount goes to small business firms."

These are the rankings of the top 100 parent companies in military prime contract awards during 1960.

96. A R O, Inc.
98. Air Products, Inc.
40. American Bosch Arms Corp.
38. American Machine & Foundry Co.
8. American Telephone & Telegraph Co.
23. Avco Corp.
18. Bendix Corp.
61. Bethlehem Steel Corp.
5. Boeing Airplane Co.
28. Burroughs Corp.
29. Chance Vought Corp.
22. Chrysler Corp.
93. Cities Service Corp.
35. Collins Radio Co.
50. Continental Motors Corp.
77. Continental Oil Co. (Delaware)
85. Cook Electric Co.
47. Curtiss-Wright Corp.

12. Douglas Aircraft Co.
52. DuPont (E. I.) de Nemours & Co.
76. Fairchild Engine & Airplane Co.
81. Firestone Tire & Rubber Co.
49. Food Machinery & Chemical Corp.
70. Ford Motor Co.
42. Garrett Corp.
1. General Dynamics Corp.
4. General Electric Co.
21. General Motors Corp.
39. General Precision Equipment Corp.
55. General Telephone & Electronics Corp.
20. General Tire & Rubber Co.
84. Gilfillan Brothers, Inc.
78. Goodrich (B. F.) Co.
48. Goodyear Tire & Rubber Co.
13. Grumman Aircraft Engineering Corp.
80. Gulf Oil Corp.
92. Hallcrafters Co.
97. Hazeltine Corp.
30. Hercules Powder Co.
9. Hughes Aircraft Co.
71. Ingalls Iron Works Co.
16. International Business Machines Corp.
82. International Harvester Co.
24. International Telephone & Telegraph Corp.
89. Johns Hopkins University
88. Jones-Teer-Winkelman
45. Kaiser-Raymond-Macco-Puget Sound
69. Kaman Aircraft Corp.
54. Kiewit (Peter) Sons Co.
58. Laboratory for Electronics, Inc.
62. Lear, Inc.
44. Ling-Temco Electronics, Inc.
91. Littton Industries, Inc.
2. Lockheed Aircraft Corp.
63. Magnavox Co. (The)
60. Marquardt Corp.
7. Martin Co. (The)
65. Mason & Hanger-Silas Mason Co., Inc.
41. Massachusetts Institute of Technology
31. McDonnell Aircraft Corp.
57. Merritt-Chapman & Scott Corp.
37. Minneapolis-Honeywell Regulator Co.
94. Morrison-Knudsen Co., Inc.
68. Motorola, Inc.
17. Newport News Shipbldg. & Dry Dock Co.
3. North American Aviation, Inc.
64. Northern Pump Co.
26. Northrop Corp.
53. Olin Mathieson Chemical Corp.
32. Pan American World Airways, Inc.
33. Philco Corp.
11. Radio Corp. of America
10. Raytheon Co.
14. Republic Aviation Corp.
72. Richfield Oil Corp.
51. Ryan Aeronautical Co.
66. Sanders Associates, Inc.
56. Shell Caribbean Petroleum Co.
87. Sinclair Oil Corp.
59. Socony Mobil Oil Co.
15. Sperry Rand Corp.
79. Standard Oil Co. (Indiana)
25. Standard Oil Co. (New Jersey)
36. Standard Oil Co. of California
95. States Marine Corp.
100. Sunray Midcontinent Oil Co.
73. System Development Corp.
46. Texaco, Inc.
43. Textron, Inc.
27. Thiokol Chemical Corp.
34. Thompson Ramo Wooldridge, Inc.
67. Todd Shipyards Corp.
74. Union Carbide Corp.
98. Union Oil Co. of California
6. United Aircraft Corp.
75. Universal American Corp.
90. Utah-Manhattan-Sundt
83. Vitro Corp. of America
99. Western Contracting Corp.
19. Westinghouse Electric Corp.

MISSILE DEFENSE

A \$609,000 contract for continued research under a joint Canadian-American program for Defense against ICBM's is announced in Ann Arbor, Mich., by Roy J. Sandstrom, General Manager of The Bendix Corporation's Systems Division.

The contract, awarded by the Army's Detroit Ordnance District, brings Bendix participation in the program to \$2 million. U. S. interest in the joint program includes continued study of extremely-high-velocity missile re-entry phenomena as part of project Defender and advanced research on ballistic missile defense under direction of the Advanced Research Projects Agency.

Aerospace Industries Elects New Officers

The Board of Governors of the Aerospace Industries Association has elected H. M. Horner, Chairman, United Aircraft Corporation, as Chairman of the Board of Governors for 1961. Former Secretary of the Navy Dan A. Kimball, President, Aerojet-General Corporation, was named Vice Chairman of the Association.

Elected to fill vacancies on the Executive Committee of the Board were: Robert E. Gross, Chairman, Lockheed Aircraft Corporation, and Donald W. Douglas, Jr., President, Douglas Aircraft Company, Inc. Other members of the Executive Committee are Messrs. Horner, Kimball, and General Orval R. Cook, USAF-Ret., President of the Association.

Also announced at the meeting of the Board of Governors was the retirement of Col. Harrison Brand, Jr., effective 1 September. Colonel Brand, who has been associated with the Aerospace Industries Association for more than 20 years, will continue in his present capacity as Secretary-Treasurer of the Association until his retirement date. The Board of Governors elected Samuel L. Wright to be Assistant Secretary and Assistant Treasurer. Mr. Wright will assume the functions of Secretary-Treasurer on the retirement of Colonel Brand.

MORE FOR MAULER

The Army has funded further development of the Mauler air defense missile system with a \$6.2 million contract to the Convair Division of General Dynamics Corporation. Work will be performed at Pomona, Calif.

Mauler is designed to travel with fast moving Army units on the battlefield and defend them against high performance tactical aircraft and short range missiles and rockets.

Douglas Will Do Work On Improved Honest John

The Army has awarded an \$8.5 million contract to Douglas Aircraft Company for components for the improved Honest John rocket.

The improved Honest John has range and accuracy capabilities that exceed those of its predecessor, the basic Honest John. It is three feet shorter and a thousand pounds lighter.

The weapon is a free-flight rocket capable of carrying either high explosive or a nuclear warhead and is used to provide fire support for ground combat operations. It has been operational for several years.

Radioplane Builds New Calif. Facility

Ground-breaking ceremonies for the new Conejo Valley, Calif., facilities of the Radioplane Division of Northrop Corporation will be held 11 July, according to Northrop President Thomas V. Jones.

Ventura County officials and civic leaders will join with President Jones, M. W. Tuttle, Vice President and General Manager of the Radioplane Division, and other Northrop officers in informal ceremonies signalling commencement of the multi-million dollar building project.

Representing part of Northrop's three-year \$32 million capital investment program, the new facility will be located in campus-like surroundings at Rancho Conejo.

Employing approximately 2,000 people, Radioplane is the leading producer of complete target and surveillance drone systems for all branches of the Armed Services and for several allied foreign governments. Other activities include the landing system for Mercury man-in-space program, the U. S. manned satellite program and several other classified space vehicle projects.

RE-ENTRY TASK

The Air Force has awarded General Electric a \$13 million contract for servicing and installing equipment for re-entry vehicles at nine SAC Atlas ICBM bases.

The bases are Altus AFB, Okla.; Dyess AFB, Tex.; Fairchild AFB, Wash.; Forbes AFB, Kan.; F. E. Warren AFB, Wyo.; Lincoln AFB, Neb.; Plattsburgh AFB, N. Y.; Schilling AFB, Kan., and Walker AFB, N. M.

Ship Electronics Design Awards Made

The Navy has awarded three contracts which will result in proposed coordinated ship electronics designs aboard three representative ship types.

The three firms receiving contracts which are for initial funding of the program are the Electric Boat Division of the General Dynamics Corporation, Groton, Conn.; Hazeltine Electronic Division of the Hazeltine Corporation, Little Neck, N. Y., and the Alpha Corporation, a subsidiary of Collins Radio Company, Richardson, Tex.

Under its contract for \$790,000 the Electric Boat Division will provide an electronics system design for a nuclear-powered attack submarine.

The Hazeltine contract, for \$759,000, covers the design of an electronic system for a guided missile escort vessel. The Alpha Corporation's contract for \$1,438,000 is for the design of the electronics system for the largest vessel of the three, a guided missile frigate.

According to RADM. R. K. James, Chief of the Bureau of Ships, the three companies in carrying out the terms of the contract, will proceed in four distinct steps as follows:

- (1) Develop a proposed whole ship electronics system including structural, installation and maintenance aspects.
- (2) Submit recommendations for modification, procurement and development requirements in support of the above.
- (3) Submit cost and value analysis of the system.
- (4) Submit schedule of feasibility analysis.

Admiral James said "This is the first attempt by the Navy to merge naval architecture and electronics systems engineering in the initial designs of ships. The new approach should achieve optimum performance of shipboard electronics systems in relation to one another and the ship's environment."

MEMCOR Gets Missile Components Contracts

Model Engineering and Manufacturing Corp., Huntington, Ind., has been selected by contractors for the Sparrow and Bullpup missile programs to supply critical guidance and electronic components for these systems.

MEMCOR will produce an initial order of 200 spring operated gyroscopes for the Bullpup guidance system being produced by the Maxson Electronics Corp., N. Y., and will provide microwave radar assemblies for the Sparrow.

L/G Putt Reports Contracts

United Technology Corporation has received two research contracts totaling some \$230,000. Lt. Gen. Donald L. Putt, USA-Ret., President, has announced.

One contract awarded by Edwards AFB, Calif., calls for R&D of an advanced high performance solid propellant. The other, awarded by the Office of Naval Research, supports research work in the thermochemistry of the high energy fluorine bond.

\$13 Million Oil Contract

The Cities Service Oil Company, New York, has received a contract for \$13.5 million to furnish Aviation Gasoline, grade 115/145, according to an announcement by RADM. Onnie P. Lattu, Executive Director of the Military Petroleum Supply Agency.

Army Completes Combat Development Center Reorganization Under B/G D'Orsa

The final phase of the reorganization of the Army Combat Development Experimentation Center at Ft. Ord, Calif., has been completed. Under the direction of CDEC's commander, Brig. Gen. Charles S. D'Orsa, administrative responsibilities now spread between the CDEC Head-

quarters and Headquarters 2d Logistical Command have been consolidated into a single headquarters.

Headquarters, 2d Logistical Command, a member of CDEC since 1 July 1960, has been reorganized and departed for its new home station at Ft. Lee, Va.

Nine officers from the 2d Logistical Command, integrated into CDEC Headquarters, will head the following staff sections: Col. Carlton W. Nelson, G-1; Col. St Elmo P. Tyner, G-2 and G-3; Col.

Henry B. Alexander, G-4; Col. Robert E. Doe, Adjutant General; Col. Robert L. Mushen, Engineers, Lt. Col. Mervin D. Burkhead, Ordnance Officer; Lt. Col. Leiland D. Esh, Signal Officer; Col. Blaine E. Anderson, Headquarters Commandant, and, Col. Dallas B. Pack, Budget Officer.

Other members of the CDEC Headquarters Staff are: Col. Henry G. McFeely, Deputy Commander and CofS; Doctor Ian W. Tervet, Scientific Advisor; Col. Francis J. Murdoch, jr., Deputy CofS,

Operations; Col. William D. Perez, Deputy CofS, Administration; Lt. Col. William J. Dennis, Staff Secretary; Lt. Col. Charles M. Keranen, Inspector General; Col. Fred L. Walker, Assistant CofS, Experimentation, Maj. John H. Pepperdene, Acting Chief, Project Team One; Col. Arthur C. Tillson, Chief, Project Team Two; Col. Haskett L. Conner, jr., Chief, Project Team Three; Col. Ralph L. Dalton, Chief, Project Team Four; and, Col. Ralph E. Crane, Judge Advocate.

Army Aviation Airspace Seminar

The Army's position on mass parachute exercises, operation of drone aircraft, and intrusions within Army restricted airspace were discussed at an airspace meeting in Chicago.

Representatives from the six ZI Armies, the Department of the Army, and the Federal Aviation Agency attended the three day meeting at Fifth Army headquarters.

Also on the agenda was a discussion of requirements for revision of the AR 95-50, the Army's regulation dealing with airspace responsibilities and procedures. Improvements in the program for acquisition and utilization of restricted airspace were suggested.

Lt. Col. Richard G. Marriott, Airspace Officer, Department of the Army, who conducted the sessions, said "the meeting served to create a mutual understanding of critical airspace matters, both present and pending, between all Army and Federal agencies represented."

Delegates to the session were Maj. L. G. Hedgpeth, FAA Region Four, Maj. John F. Roberts, First Army, Capt. J. A. Jones, Second Army, Capt. Theodore S. Ferry, FAA Region Three, Maj. H. E. Woolf, Third Army, Maj. Floyd C. Wilson, Fourth Army, Lt. Col. Robert L. Cody, Fifth Army, Maj. Stanley O. Nelson, FAA Region Two, and Maj. Bruce Fusner, Sixth Army.

NEW TEST CENTER SLOT

Col. Howard J. McIntire, Rocket Propulsion Directorate Deputy Director for the last eight months, has a new job at Air Force Flight Test Center Headquarters, Edwards AFB, Calif.

He heads the Air Force Systems Command's new Aeronautical Systems Division (ASD, formerly WADD), Field Test Office there.

When fully manned, the field office will include three lieutenant colonels, two majors, a captain and five civilians, the last of whom will be mostly clerical workers. Already assigned are Capt. James B. Irwin, April graduate of the Experimental Flight Test Pilot Schools; Majors Ray C. Gordon, Jr., and Wallace W. Ennis, both from ASD Headquarters, Wright-Patterson AFB, Ohio. Colonel McIntire came to Edwards after 30 months as Deputy Director of AFFTC's B-58 Test Force at Carswell AFB, Tex.

L/C Larned At Ft. Meade After Duty In Turkey

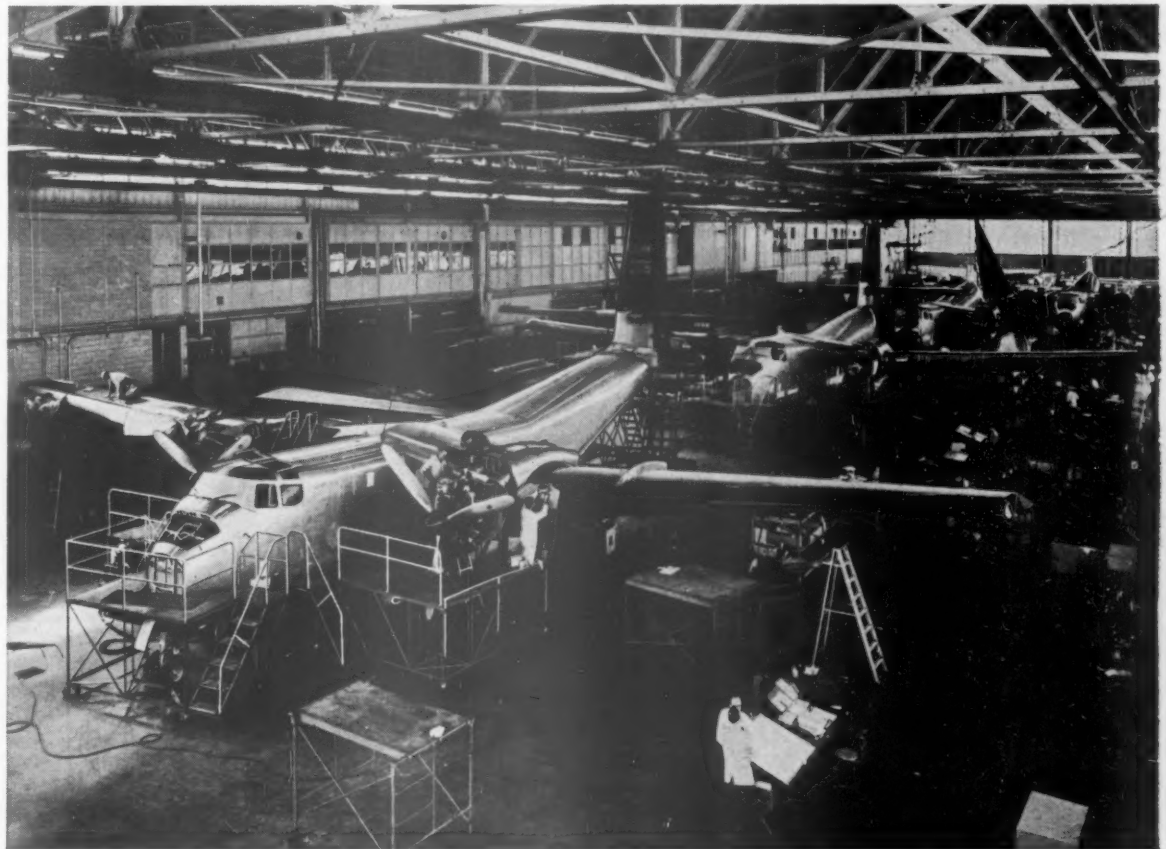
Lt. Col. Royce P. Larned, has assumed command of the 1st Ordnance Battalion at Ft. Meade, Md., replacing Lt. Col. Hadley E. Jenkins, USA-Ret.

The new commander had served as nuclear weapons officer for a field artillery unit attached to the Turkish-U. S. Logistics Group in Turkey.

L/C Deems Joins ARADCOM

Lt. Col. Ralph E. Deems has been assigned as Executive Officer of the G-3 Section at Army Air Defense Command Headquarters in Colorado Springs. He had been Secretary to the General Staff at Headquarters, Seventh Army Support Command, Mannheim, Germany.

The colonel is married and has six children. The family lives at 1420 E. Uintah St., Colorado Springs.



Caribou for the Army

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Full scale production of the U.S. Army AC-1 Caribou is proceeding on schedule at our Downsview facility. Deliveries to the U.S. Army began in January 1961 and are flowing at a steady rate - uninterruptedly on target time.

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New Fiscal Year Finds Much Military Legislation Pending

From first page—

law, many Service families have to pay out-of-pocket costs in excess of the allowance when they have their mobile home hauled to a new assignment location.

Retired Army Sergeant First Class Prentiss M. Davis, Jr., who was a prime-mover in winning Congressional action on the trailer-allowance proposal, was one of the witnesses who testified in favor of the bill.

Several important military bills which previously have passed the House are still awaiting action by the Senate Armed Services Committee. These include the Navy's diving pay proposal (HR 4323), the revised Uniformed Services Contingency Option Act (HR 6668), the Marine Corps proposal to reassign Supply Duty officers to the unrestricted Line (HR 4328), and the measure authorizing retired military personnel to ship their baggage and household effects to a location of their choice (HR 4321), as well as a number of minor bills including those in-

creasing the pay of West Point and USAFA professors and the Dean of the Naval Postgraduate School.

The retirement recomputation pay plan also is still dormant pending receipt of the University of Michigan retired pay study by the Senate Committee. The study was expected to be submitted to the Committee as THE JOURNAL went to press, but there was little hope for action on the recomputation plan during the current session unless pressure is exerted by either the White House or the Defense Department.

Both President Kennedy and Secretary McNamara have supported the proposal, but neither has attempted to persuade the Senate to go ahead with hearings pending final action on the overall retirement study.

With two or possibly three months to go before adjournment, the military legislative program is not achieving spectacular success.

The entire Mercury system was designed around the safety of the astronaut. Perched atop his capsule is an escape system powered by a GCR solid-propellant rocket. It will hurl the astronaut—capsule and all—up and out of trouble should the booster fail during launch or low-altitude flight. This GCR rocket must work. It does work. In more than 60 test shots, it has fired perfectly every time. This super-reliable propulsion system is one of several important solid-rocket projects now in production at GCR. In propulsion system research and development, GCR is at work on advanced programs for huge segmented boosters, hybrid rockets, ultra-high performance propellants, and a variety of other promising projects.

GRAND CENTRAL ROCKET COMPANY
REDLANDS, CALIFORNIA

DENTAL SCHOOL GRADS

A class of 32 Dental Officers has been graduated from the Naval Dental School, Bethesda, Md., in ceremonies presided over by Capt. Arthur R. Frechette, Commanding Officer.

The Commanding Officers' award for excellence in Operative Dentistry, was presented to LCdr. Loren V. Hickey, by RAdm. Edward C. Kenney, Navy Surgeon General. The certificates were presented to the 27 postgraduate officers and five residents by RAdm. Frank P. Kreuz, MC, USN, Commanding Officer, National Naval Medical Center.

The main address was delivered by RAdm. Bernard A. Clarey, USN, Director of Military Personnel Policy, Office of the Secretary of Defense.

PARRIS ISLAND

Col. Donald R. Kennedy has replaced Col. Nat M. Pace as Commanding Officer of Headquarters and Service Battalion at the Parris Island, S. C., East Coast Marine Corps Recruit Depot.

Colonel Pace goes to the Naval War College at Newport, R. I.

Colonel Kennedy, G-1 since his arrival at Parris Island in September 1959, is the husband of the former Miss Barbara Strickland of Palmerston County, Dublin, Ireland. They have two children, David N., 16, and Brian E., 13.

Colonel Kennedy was relieved by Lt. Col. Donald T. Doxey.

II CORPS CG

Newly promoted Maj. Gen. James Dyce Alger has succeeded Maj. Gen. Raymond W. Curtis, USA-Ret., as G-1 of II Army Corps, Camp Kilmer, N. J.

General Alger had been Assistant CofS, G3, Headquarters, Allied Land Forces Central Europe.

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